

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012523\
 Data File : VX033886.D
 Acq On : 25 Jan 2023 14:25
 Operator : JC/MD
 Sample : VX0125WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0125WBS02

Quant Time: Jan 26 05:59:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/26/2023
 Supervised By : Semsettin Yesilyurt 01/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	179781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	250538	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	88187	46.588	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.180%			
35) Dibromofluoromethane	5.379	113	82719	53.171	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.340%			
50) Toluene-d8	8.647	98	294728	51.996	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.000%			
62) 4-Bromofluorobenzene	11.079	95	112826	53.611	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26582	18.710	ug/l	98
3) Chloromethane	1.294	50	30323	19.320	ug/l	96
4) Vinyl Chloride	1.374	62	30852	20.258	ug/l	99
5) Bromomethane	1.617	94	18688	21.357	ug/l	95
6) Chloroethane	1.691	64	16681	17.716	ug/l	99
7) Trichlorofluoromethane	1.892	101	48948	19.819	ug/l	96
8) Diethyl Ether	2.130	74	18756	23.193	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	29722	21.300	ug/l	97
10) Methyl Iodide	2.453	142	35586	17.821	ug/l	98
11) Tert butyl alcohol	2.983	59	25893m	78.741	ug/l	
12) 1,1-Dichloroethene	2.319	96	26011	17.781	ug/l	97
13) Acrolein	2.233	56	22927	75.566	ug/l	100
14) Allyl chloride	2.666	41	50063	18.145	ug/l	89
15) Acrylonitrile	3.062	53	81009	93.606	ug/l	99
16) Acetone	2.386	43	86632	119.464	ug/l	97
17) Carbon Disulfide	2.514	76	58519	17.053	ug/l	99
18) Methyl Acetate	2.703	43	48558	18.381	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	95255	18.748	ug/l	100
20) Methylene Chloride	2.788	84	32695	18.275	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	30720	17.964	ug/l	99
22) Diisopropyl ether	3.751	45	102048	18.383	ug/l	98
23) Vinyl Acetate	3.715	43	379784	90.880	ug/l	99
24) 1,1-Dichloroethane	3.605	63	55398	18.240	ug/l	99
25) 2-Butanone	4.556	43	114064	92.224	ug/l	95
26) 2,2-Dichloropropane	4.471	77	39363	18.094	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	36729	18.681	ug/l	97
28) Bromochloromethane	4.891	49	27614	19.960	ug/l	96
29) Tetrahydrofuran	5.001	42	70187	90.039	ug/l	98
30) Chloroform	5.086	83	58019	18.651	ug/l	99
31) Cyclohexane	5.464	56	50937	18.287	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	47853	18.018	ug/l	99
36) 1,1-Dichloropropene	5.684	75	41754	18.390	ug/l	99
37) Ethyl Acetate	4.702	43	41299	17.187	ug/l	98
38) Carbon Tetrachloride	5.672	117	43494	18.496	ug/l	97
39) Methylcyclohexane	7.379	83	53477	19.072	ug/l	97
40) Benzene	6.031	78	126447	19.107	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012523\
 Data File : VX033886.D
 Acq On : 25 Jan 2023 14:25
 Operator : JC/MD
 Sample : VX0125WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0125WBS02

Quant Time: Jan 26 05:59:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/26/2023
 Supervised By :Semsettin Yesilyurt 01/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	24467	19.555	ug/l	98
42) 1,2-Dichloroethane	6.080	62	43514	18.554	ug/l	100
43) Isopropyl Acetate	6.330	43	65167	18.181	ug/l	97
44) Trichloroethene	7.123	130	37550	20.291	ug/l	96
45) 1,2-Dichloropropane	7.427	63	32263	19.461	ug/l	98
46) Dibromomethane	7.574	93	21977	18.979	ug/l	96
47) Bromodichloromethane	7.818	83	42686	19.128	ug/l	96
48) Methyl methacrylate	7.690	41	34450	19.080	ug/l	97
49) 1,4-Dioxane	7.696	88	12257	306.891	ug/l #	99
51) 4-Methyl-2-Pentanone	8.567	43	211266	95.972	ug/l	99
52) Toluene	8.714	92	83069	19.437	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	42864	19.206	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	49767	19.901	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	33866	20.019	ug/l	99
56) Ethyl methacrylate	9.116	69	48135	20.218	ug/l	96
57) 1,3-Dichloropropane	9.305	76	54577	19.896	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	119953	102.304	ug/l	99
59) 2-Hexanone	9.427	43	159626	104.183	ug/l	99
60) Dibromochloromethane	9.518	129	36668	20.907	ug/l	98
61) 1,2-Dibromoethane	9.610	107	34895	20.669	ug/l	97
64) Tetrachloroethene	9.269	164	34026	20.776	ug/l	97
65) Chlorobenzene	10.079	112	92620	20.056	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	34675	20.403	ug/l	99
67) Ethyl Benzene	10.189	91	158387	19.976	ug/l	98
68) m/p-Xylenes	10.299	106	128189	41.334	ug/l	98
69) o-Xylene	10.640	106	62129	20.201	ug/l	99
70) Styrene	10.652	104	104213	20.835	ug/l	100
71) Bromoform	10.799	173	28185	19.791	ug/l #	100
73) Isopropylbenzene	10.963	105	163754	18.746	ug/l	99
74) N-amyl acetate	10.841	43	56814	17.664	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	48439	18.429	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	44060m	19.578	ug/l	
77) Bromobenzene	11.195	156	45321	19.445	ug/l	97
78) n-propylbenzene	11.305	91	184106	18.420	ug/l	99
79) 2-Chlorotoluene	11.360	91	110142	18.522	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	137297	18.628	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	13054	18.027	ug/l	97
82) 4-Chlorotoluene	11.451	91	126909	18.671	ug/l	99
83) tert-Butylbenzene	11.713	119	142552	19.479	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	138232	19.827	ug/l	99
85) sec-Butylbenzene	11.890	105	173559	19.828	ug/l	99
86) p-Isopropyltoluene	12.006	119	152424	20.339	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	83184	20.099	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	84131	19.955	ug/l	99
89) n-Butylbenzene	12.329	91	125708	20.504	ug/l	100
90) Hexachloroethane	12.536	117	23070	18.715	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	81126	20.313	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9041	18.088	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	57637	21.425	ug/l	100
94) Hexachlorobutadiene	13.725	225	27855	21.138	ug/l	99
95) Naphthalene	13.774	128	158022	20.417	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	56749	21.082	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012523\
Data File : VX033886.D
Acq On : 25 Jan 2023 14:25
Operator : JC/MD
Sample : VX0125WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0125WBS02

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

Quant Time: Jan 26 05:59:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012523\
Data File : VX033886.D
Acq On : 25 Jan 2023 14:25
Operator : JC/MD
Sample : VX0125WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0125WBS02

Quant Time: Jan 26 05:59:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

