

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
 Data File : VX040478.D
 Acq On : 27 Feb 2024 10:49
 Operator : JC/MD
 Sample : VX0227WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2024
 Supervised By : Semsettin Yesilyurt 02/28/2024

Quant Time: Feb 28 01:59:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	75651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127821	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66788	52.784	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.560%			
35) Dibromofluoromethane	5.379	113	45466	51.151	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.300%			
50) Toluene-d8	8.647	98	167445	51.898	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.800%			
62) 4-Bromofluorobenzene	11.079	95	64756	52.652	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.300%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	19303	20.503	ug/l	93
3) Chloromethane	1.294	50	18592	19.910	ug/l	99
4) Vinyl Chloride	1.374	62	19235	19.048	ug/l	98
5) Bromomethane	1.605	94	13818	24.623	ug/l	92
6) Chloroethane	1.685	64	12089	18.917	ug/l	98
7) Trichlorofluoromethane	1.886	101	34039	21.343	ug/l	95
8) Diethyl Ether	2.130	74	11643	20.885	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	18013	20.982	ug/l	98
10) Methyl Iodide	2.453	142	17652	21.947	ug/l	99
11) Tert butyl alcohol	2.953	59	24679	116.025	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	16344	18.962	ug/l	98
13) Acrolein	2.233	56	24272	177.986	ug/l	98
14) Allyl chloride	2.660	41	30682	20.347	ug/l	95
15) Acrylonitrile	3.062	53	58669	109.960	ug/l	97
16) Acetone	2.380	43	52040	126.115	ug/l	97
17) Carbon Disulfide	2.514	76	43258	18.124	ug/l	99
18) Methyl Acetate	2.703	43	27965	21.983	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	61317	20.857	ug/l	100
20) Methylene Chloride	2.788	84	19152	19.395	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	17885	19.457	ug/l	96
22) Diisopropyl ether	3.757	45	62402	20.593	ug/l	95
23) Vinyl Acetate	3.721	43	290559	104.677	ug/l	100
24) 1,1-Dichloroethane	3.605	63	35088	19.857	ug/l	99
25) 2-Butanone	4.550	43	83400	116.004	ug/l	98
26) 2,2-Dichloropropane	4.471	77	27778	19.744	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	20923	19.457	ug/l	99
28) Bromochloromethane	4.904	49	13237	17.908	ug/l	97
29) Tetrahydrofuran	5.001	42	54158	107.983	ug/l	97
30) Chloroform	5.093	83	38022	20.272	ug/l	99
31) Cyclohexane	5.477	56	28992	20.224	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	32029	20.007	ug/l	98
36) 1,1-Dichloropropene	5.696	75	27372	19.987	ug/l	99
37) Ethyl Acetate	4.715	43	31615	21.094	ug/l	99
38) Carbon Tetrachloride	5.678	117	25958	19.621	ug/l	97
39) Methylcyclohexane	7.379	83	31346	21.201	ug/l	98
40) Benzene	6.038	78	74120	19.991	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
 Data File : VX040478.D
 Acq On : 27 Feb 2024 10:49
 Operator : JC/MD
 Sample : VX0227WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/28/2024
 Supervised By :Semsettin Yesilyurt 02/28/2024

Quant Time: Feb 28 01:59:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	18017	21.521	ug/l	96
42) 1,2-Dichloroethane	6.086	62	32652	21.278	ug/l	100
43) Isopropyl Acetate	6.342	43	50470	21.461	ug/l	98
44) Trichloroethene	7.123	130	20262	20.320	ug/l	98
45) 1,2-Dichloropropane	7.434	63	20445	20.604	ug/l	100
46) Dibromomethane	7.580	93	15441	21.166	ug/l	98
47) Bromodichloromethane	7.818	83	29207	20.333	ug/l	98
48) Methyl methacrylate	7.690	41	25604	21.783	ug/l	94
49) 1,4-Dioxane	7.659	88	11161	501.948	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	172543	110.971	ug/l	98
52) Toluene	8.720	92	46945	20.631	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	29892	20.506	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	31400	20.040	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	19965	21.142	ug/l	98
56) Ethyl methacrylate	9.116	69	30745	21.058	ug/l	94
57) 1,3-Dichloropropane	9.305	76	34779	21.145	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	70816	92.506	ug/l	96
59) 2-Hexanone	9.427	43	135943	113.718	ug/l	98
60) Dibromochloromethane	9.519	129	20832	20.311	ug/l	98
61) 1,2-Dibromoethane	9.610	107	22194	21.538	ug/l	99
64) Tetrachloroethene	9.275	164	17061	20.349	ug/l	96
65) Chlorobenzene	10.079	112	51765	20.378	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	18950	21.168	ug/l	98
67) Ethyl Benzene	10.195	91	95337	20.503	ug/l	100
68) m/p-Xylenes	10.299	106	71218	41.016	ug/l	95
69) o-Xylene	10.640	106	34303	20.656	ug/l	93
70) Styrene	10.653	104	58210	21.026	ug/l	98
71) Bromoform	10.799	173	15304	20.885	ug/l #	100
73) Isopropylbenzene	10.963	105	92917	20.623	ug/l	99
74) N-amyl acetate	10.842	43	43400	20.740	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	34333	21.071	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	29174m	21.668	ug/l	
77) Bromobenzene	11.195	156	21980	20.632	ug/l	97
78) n-propylbenzene	11.305	91	115216	20.616	ug/l	97
79) 2-Chlorotoluene	11.366	91	66835	19.866	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	79885	20.848	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	8331	20.518	ug/l	95
82) 4-Chlorotoluene	11.451	91	81811	21.029	ug/l	98
83) tert-Butylbenzene	11.713	119	75292	20.842	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	78981	20.775	ug/l	100
85) sec-Butylbenzene	11.890	105	100006	21.072	ug/l	99
86) p-Isopropyltoluene	12.006	119	82276	21.032	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	42081	19.817	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	42773	19.787	ug/l	99
89) n-Butylbenzene	12.329	91	78869	20.493	ug/l	95
90) Hexachloroethane	12.542	117	12673	19.465	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	42444	20.975	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8413	22.147	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	27342	20.704	ug/l	96
94) Hexachlorobutadiene	13.725	225	11117	20.597	ug/l	98
95) Naphthalene	13.774	128	89278	21.155	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	26930	21.452	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
Data File : VX040478.D
Acq On : 27 Feb 2024 10:49
Operator : JC/MD
Sample : VX0227WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024

Quant Time: Feb 28 01:59:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration

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

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

