

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112223\
 Data File : VX039002.D
 Acq On : 22 Nov 2023 14:55
 Operator : JC/MD
 Sample : VX1122WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2023
 Supervised By : Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 01:32:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	118429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218975	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	105534	55.303	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.600%			
35) Dibromofluoromethane	5.385	113	79647	50.362	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.720%			
50) Toluene-d8	8.647	98	297632	49.188	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.380%			
62) 4-Bromofluorobenzene	11.079	95	119375	49.284	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	27642	20.004	ug/l	97
3) Chloromethane	1.295	50	30093	16.685	ug/l	98
4) Vinyl Chloride	1.374	62	31405	18.076	ug/l	97
5) Bromomethane	1.605	94	21014	29.254	ug/l	99
6) Chloroethane	1.685	64	19408	19.575	ug/l	100
7) Trichlorofluoromethane	1.886	101	45165	20.486	ug/l	98
8) Diethyl Ether	2.136	74	18200	18.954	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	27055	18.505	ug/l	92
10) Methyl Iodide	2.453	142	29246	16.435	ug/l	94
11) Tert butyl alcohol	2.953	59	55956	105.427	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	25810	17.486	ug/l	98
13) Acrolein	2.233	56	27851	99.183	ug/l	99
14) Allyl chloride	2.666	41	54817	18.549	ug/l	98
15) Acrylonitrile	3.063	53	109970	98.057	ug/l	100
16) Acetone	2.380	43	116114	114.301	ug/l	93
17) Carbon Disulfide	2.514	76	67345	14.729	ug/l	97
18) Methyl Acetate	2.703	43	103459	21.441	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	105563	20.333	ug/l	99
20) Methylene Chloride	2.788	84	32697	17.855	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	28854	17.716	ug/l	97
22) Diisopropyl ether	3.758	45	107955	19.912	ug/l	98
23) Vinyl Acetate	3.721	43	382776	98.031	ug/l	99
24) 1,1-Dichloroethane	3.611	63	59180	19.520	ug/l	99
25) 2-Butanone	4.550	43	168754	102.439	ug/l	99
26) 2,2-Dichloropropane	4.477	77	51963	19.759	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	34438	18.140	ug/l	100
28) Bromochloromethane	4.898	49	30154	20.715	ug/l	98
29) Tetrahydrofuran	5.007	42	106125	101.460	ug/l	98
30) Chloroform	5.093	83	58100	19.625	ug/l	91
31) Cyclohexane	5.477	56	48736	17.888	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	50671	19.761	ug/l	97
36) 1,1-Dichloropropene	5.696	75	42456	18.731	ug/l	98
37) Ethyl Acetate	4.715	43	58429	19.786	ug/l	98
38) Carbon Tetrachloride	5.678	117	42769	20.416	ug/l	96
39) Methylcyclohexane	7.379	83	51373	17.376	ug/l	97
40) Benzene	6.038	78	126723	18.902	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112223\
 Data File : VX039002.D
 Acq On : 22 Nov 2023 14:55
 Operator : JC/MD
 Sample : VX1122WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2023
 Supervised By : Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 01:32:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	30156	19.689	ug/l	92
42) 1,2-Dichloroethane	6.086	62	48803	21.972	ug/l	98
43) Isopropyl Acetate	6.342	43	93744	19.863	ug/l	99
44) Trichloroethene	7.129	130	31643	19.391	ug/l	96
45) 1,2-Dichloropropane	7.434	63	35263	19.546	ug/l	99
46) Dibromomethane	7.580	93	24402	20.282	ug/l	96
47) Bromodichloromethane	7.818	83	47184	19.760	ug/l	98
48) Methyl methacrylate	7.690	41	44288	19.341	ug/l	95
49) 1,4-Dioxane	7.659	88	18322	413.591	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	316227	104.850	ug/l	100
52) Toluene	8.720	92	78409	18.847	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	53394	18.816	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	55799	19.036	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	34276	19.746	ug/l	94
56) Ethyl methacrylate	9.116	69	55734	18.976	ug/l	98
57) 1,3-Dichloropropane	9.305	76	57848	20.150	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	129808	94.876	ug/l	95
59) 2-Hexanone	9.427	43	253330	104.794	ug/l	100
60) Dibromochloromethane	9.519	129	35019	19.841	ug/l	99
61) 1,2-Dibromoethane	9.610	107	35291	19.375	ug/l	99
64) Tetrachloroethene	9.275	164	24645	18.810	ug/l	95
65) Chlorobenzene	10.080	112	85429	18.814	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	32269	19.756	ug/l	98
67) Ethyl Benzene	10.195	91	157997	18.939	ug/l	99
68) m/p-Xylenes	10.299	106	118076	37.417	ug/l	99
69) o-Xylene	10.640	106	58323	18.678	ug/l	97
70) Styrene	10.653	104	96681	18.333	ug/l	99
71) Bromoform	10.799	173	25244	18.540	ug/l #	100
73) Isopropylbenzene	10.964	105	154271	18.454	ug/l	99
74) N-amyl acetate	10.842	43	77053	17.437	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	59662	18.283	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	49528m	18.502	ug/l	
77) Bromobenzene	11.195	156	35063	18.666	ug/l	98
78) n-propylbenzene	11.305	91	189290	18.396	ug/l	98
79) 2-Chlorotoluene	11.366	91	110880	18.157	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	133607	19.008	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	19751	16.366	ug/l	88
82) 4-Chlorotoluene	11.457	91	131893	18.731	ug/l	99
83) tert-Butylbenzene	11.713	119	132411	19.128	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	133432	18.755	ug/l	99
85) sec-Butylbenzene	11.890	105	167335	18.480	ug/l	99
86) p-Isopropyltoluene	12.006	119	134578	18.514	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	69314	18.844	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	70586	18.749	ug/l	99
89) n-Butylbenzene	12.335	91	130110	17.741	ug/l	97
90) Hexachloroethane	12.536	117	24917	17.165	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	67770	19.425	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15121	18.913	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	42365	18.121	ug/l	98
94) Hexachlorobutadiene	13.725	225	14946	18.053	ug/l	100
95) Naphthalene	13.774	128	157307	18.066	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	41538	18.743	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112223\
Data File : VX039002.D
Acq On : 22 Nov 2023 14:55
Operator : JC/MD
Sample : VX1122WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 01:32:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

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

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

