

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX032984.D
 Acq On : 22 Nov 2022 17:37
 Operator : JC/MD
 Sample : VX1122WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/23/2022
 Supervised By : Mahesh Dadoda 11/28/2022

Quant Time: Nov 23 05:49:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	125431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198787	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62011	50.634	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.260%			
35) Dibromofluoromethane	5.391	113	51679	46.114	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.220%			
50) Toluene-d8	8.647	98	160814	47.588	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.180%			
62) 4-Bromofluorobenzene	11.079	95	67194	45.644	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	17351	18.106	ug/l	97
3) Chloromethane	1.294	50	18901	18.270	ug/l	94
4) Vinyl Chloride	1.374	62	21227	18.428	ug/l	96
5) Bromomethane	1.617	94	15626	18.294	ug/l	98
6) Chloroethane	1.691	64	16510	17.606	ug/l	99
7) Trichlorofluoromethane	1.892	101	42472	18.998	ug/l	99
8) Diethyl Ether	2.136	74	14212	20.192	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	22412	19.073	ug/l	99
10) Methyl Iodide	2.453	142	25133	18.684	ug/l	100
11) Tert butyl alcohol	3.026	59	22623m	116.834	ug/l	
12) 1,1-Dichloroethene	2.325	96	21259	19.422	ug/l	98
13) Acrolein	2.239	56	21962	98.743	ug/l	97
14) Allyl chloride	2.666	41	34057	19.272	ug/l	98
15) Acrylonitrile	3.068	53	57055	104.175	ug/l	98
16) Acetone	2.398	43	53010	92.924	ug/l	100
17) Carbon Disulfide	2.514	76	53162	17.579	ug/l	98
18) Methyl Acetate	2.709	43	32516	20.591	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	76219	20.078	ug/l	98
20) Methylene Chloride	2.794	84	24870	20.178	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	23419	18.704	ug/l	95
22) Diisopropyl ether	3.757	45	75047	19.503	ug/l #	78
23) Vinyl Acetate	3.721	43	305499	101.425	ug/l	99
24) 1,1-Dichloroethane	3.611	63	43200	19.619	ug/l	99
25) 2-Butanone	4.568	43	80154	101.896	ug/l	100
26) 2,2-Dichloropropane	4.477	77	32944	18.607	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	27585	19.390	ug/l	99
28) Bromochloromethane	4.903	49	20179	20.856	ug/l	97
29) Tetrahydrofuran	5.019	42	51202	102.579	ug/l	99
30) Chloroform	5.092	83	48620	19.715	ug/l	99
31) Cyclohexane	5.477	56	37458	18.926	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	42748	19.355	ug/l	99
36) 1,1-Dichloropropene	5.696	75	34182	19.075	ug/l	99
37) Ethyl Acetate	4.714	43	32352	20.694	ug/l	97
38) Carbon Tetrachloride	5.678	117	37826	19.028	ug/l	97
39) Methylcyclohexane	7.379	83	39107	19.127	ug/l	97
40) Benzene	6.043	78	98003	19.506	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX032984.D
 Acq On : 22 Nov 2022 17:37
 Operator : JC/MD
 Sample : VX1122WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD01

Quant Time: Nov 23 05:49:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/23/2022
 Supervised By : Mahesh Dadoda 11/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	17949	20.404	ug/l	98
42) 1,2-Dichloroethane	6.092	62	40773	20.156	ug/l	99
43) Isopropyl Acetate	6.342	43	52740	20.398	ug/l	100
44) Trichloroethene	7.129	130	27338	19.391	ug/l	95
45) 1,2-Dichloropropane	7.433	63	24563	19.783	ug/l	99
46) Dibromomethane	7.586	93	19250	19.870	ug/l	99
47) Bromodichloromethane	7.824	83	36805	19.660	ug/l	98
48) Methyl methacrylate	7.696	41	27349	20.550	ug/l	99
49) 1,4-Dioxane	7.714	88	11802	481.751	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	168892	105.861	ug/l	99
52) Toluene	8.720	92	63687	19.268	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	36285	19.009	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	38943	19.296	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	26231	19.492	ug/l	98
56) Ethyl methacrylate	9.116	69	37458	20.202	ug/l	99
57) 1,3-Dichloropropane	9.311	76	43380	19.968	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	92056	104.552	ug/l	100
59) 2-Hexanone	9.433	43	125106	106.151	ug/l	100
60) Dibromochloromethane	9.518	129	28071	19.374	ug/l	99
61) 1,2-Dibromoethane	9.610	107	28495	20.061	ug/l	98
64) Tetrachloroethene	9.275	164	23844	18.645	ug/l	97
65) Chlorobenzene	10.079	112	68669	19.064	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	26606	20.159	ug/l	97
67) Ethyl Benzene	10.195	91	124021	19.410	ug/l	99
68) m/p-Xylenes	10.305	106	97208	38.850	ug/l	99
69) o-Xylene	10.640	106	47492	19.617	ug/l	98
70) Styrene	10.659	104	77475	19.561	ug/l	99
71) Bromoform	10.799	173	19185	18.959	ug/l #	97
73) Isopropylbenzene	10.963	105	125122	19.681	ug/l	99
74) N-amyl acetate	10.841	43	44784	20.707	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	39184	20.421	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	34544m	20.502	ug/l	
77) Bromobenzene	11.201	156	30208	19.320	ug/l	100
78) n-propylbenzene	11.305	91	142437	19.595	ug/l	99
79) 2-Chlorotoluene	11.366	91	86656	19.628	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	105734	19.797	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	9759	18.826	ug/l	94
82) 4-Chlorotoluene	11.457	91	98891	19.115	ug/l	100
83) tert-Butylbenzene	11.713	119	103302	19.431	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	104862	19.691	ug/l	100
85) sec-Butylbenzene	11.890	105	125040	19.659	ug/l	100
86) p-Isopropyltoluene	12.012	119	106118	19.692	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	55784	19.021	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	57348	19.094	ug/l	99
89) n-Butylbenzene	12.335	91	89440	19.266	ug/l	99
90) Hexachloroethane	12.542	117	16390	18.513	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	56216	19.705	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8247	21.541	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	34071	19.374	ug/l	99
94) Hexachlorobutadiene	13.725	225	14056	18.117	ug/l	100
95) Naphthalene	13.774	128	116789	20.529	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	34442	19.530	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
Data File : VX032984.D
Acq On : 22 Nov 2022 17:37
Operator : JC/MD
Sample : VX1122WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

Quant Time: Nov 23 05:49:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
Response via : Initial Calibration

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

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

