

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012022\
 Data File : VX026526.D
 Acq On : 20 Jan 2022 12:25
 Operator : JC/MD
 Sample : VX0120WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0120WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/21/2022
 Supervised By : Mahesh Dadoda 01/21/2022

Quant Time: Jan 21 04:02:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	100883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	164902	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69730	49.480	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.960%			
35) Dibromofluoromethane	5.385	113	53521	50.260	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.520%			
50) Toluene-d8	8.653	98	196645	51.244	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.480%			
62) 4-Bromofluorobenzene	11.079	95	70198	51.496	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	20494	17.204	ug/l	99
3) Chloromethane	1.294	50	19202	17.583	ug/l	98
4) Vinyl Chloride	1.374	62	21137	18.435	ug/l	99
5) Bromomethane	1.617	94	10219	19.321	ug/l	96
6) Chloroethane	1.691	64	11722	20.218	ug/l	98
7) Trichlorofluoromethane	1.892	101	32097	17.731	ug/l	98
8) Diethyl Ether	2.136	74	12112	18.908	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	21503	19.492	ug/l	98
10) Methyl Iodide	2.453	142	25589	24.077	ug/l	98
11) Tert butyl alcohol	2.983	59	19399	98.953	ug/l	95
12) 1,1-Dichloroethene	2.325	96	19943	18.929	ug/l	93
13) Acrolein	2.239	56	26260	126.058	ug/l	99
14) Allyl chloride	2.666	41	36271	18.720	ug/l	98
15) Acrylonitrile	3.068	53	62380	103.367	ug/l	99
16) Acetone	2.386	43	65309	90.875	ug/l	99
17) Carbon Disulfide	2.514	76	52678	17.125	ug/l	99
18) Methyl Acetate	2.709	43	29046	20.330	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	72591	18.988	ug/l	99
20) Methylene Chloride	2.794	84	22913	19.297	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	21754	19.073	ug/l	99
22) Diisopropyl ether	3.763	45	76127	19.343	ug/l	100
23) Vinyl Acetate	3.727	43	319550	98.636	ug/l	100
24) 1,1-Dichloroethane	3.611	63	40258	18.940	ug/l	98
25) 2-Butanone	4.562	43	91334	97.725	ug/l	99
26) 2,2-Dichloropropane	4.477	77	28627	18.170	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	25344	19.469	ug/l	98
28) Bromochloromethane	4.904	49	17421	19.960	ug/l	97
29) Tetrahydrofuran	5.013	42	56561	101.897	ug/l	99
30) Chloroform	5.099	83	42865	19.409	ug/l	99
31) Cyclohexane	5.470	56	38206	18.381	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	36733	18.909	ug/l	100
36) 1,1-Dichloropropene	5.696	75	31010	18.447	ug/l	99
37) Ethyl Acetate	4.715	43	34320	20.182	ug/l	99
38) Carbon Tetrachloride	5.684	117	32337	18.701	ug/l	93
39) Methylcyclohexane	7.385	83	38194	18.836	ug/l	98
40) Benzene	6.044	78	89822	19.331	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	19202	19.933	ug/l	97
42) 1,2-Dichloroethane	6.092	62	34538	18.998	ug/l	99
43) Isopropyl Acetate	6.342	43	54587	19.872	ug/l	99
44) Trichloroethene	7.129	130	26030	19.742	ug/l	92
45) 1,2-Dichloropropane	7.434	63	22846	19.698	ug/l	96
46) Dibromomethane	7.580	93	16477	20.153	ug/l	97
47) Bromodichloromethane	7.824	83	31965	19.350	ug/l	99
48) Methyl methacrylate	7.696	41	27396	20.124	ug/l	98
49) 1,4-Dioxane	7.683	88	8899	398.336	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	171175	105.060	ug/l	99
52) Toluene	8.720	92	56142	19.703	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	30087	18.276	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	34483	19.434	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	22367	20.115	ug/l	98
56) Ethyl methacrylate	9.116	69	34748	20.391	ug/l	100
57) 1,3-Dichloropropane	9.311	76	39702	20.595	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	100295	112.244	ug/l	99
59) 2-Hexanone	9.433	43	129728	104.029	ug/l	99
60) Dibromochloromethane	9.525	129	23375	20.173	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23579	20.350	ug/l	98
64) Tetrachloroethene	9.275	164	26834	19.970	ug/l	96
65) Chlorobenzene	10.079	112	58565	19.551	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	21429	19.253	ug/l	99
67) Ethyl Benzene	10.195	91	105427	19.368	ug/l	100
68) m/p-Xylenes	10.305	106	79226	38.892	ug/l	99
69) o-Xylene	10.640	106	39213	19.949	ug/l	97
70) Styrene	10.659	104	63844	19.905	ug/l	98
71) Bromoform	10.799	173	15201	19.289	ug/l #	97
73) Isopropylbenzene	10.963	105	103330	19.265	ug/l	99
74) N-amyl acetate	10.841	43	40155	19.392	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	27850	19.345	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	28903m	20.061	ug/l	
77) Bromobenzene	11.201	156	23395	19.039	ug/l	100
78) n-propylbenzene	11.305	91	117437	19.200	ug/l	100
79) 2-Chlorotoluene	11.366	91	70582	19.030	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	85909	19.428	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7319	19.404	ug/l	93
82) 4-Chlorotoluene	11.457	91	81394	19.094	ug/l	99
83) tert-Butylbenzene	11.713	119	81156	19.660	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	84850	19.185	ug/l	99
85) sec-Butylbenzene	11.890	105	103615	19.406	ug/l	100
86) p-Isopropyltoluene	12.012	119	88344	19.721	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	43623	18.940	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	44037	18.890	ug/l	97
89) n-Butylbenzene	12.335	91	74401	19.354	ug/l	99
90) Hexachloroethane	12.542	117	12683	18.404	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	42774	19.652	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6565	18.868	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	26842	19.235	ug/l	99
94) Hexachlorobutadiene	13.725	225	11509	19.538	ug/l	98
95) Naphthalene	13.780	128	93805	20.153	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	27340	19.922	ug/l	98

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

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