

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
 Data File : VX033286.D
 Acq On : 07 Dec 2022 17:13
 Operator : JC/MD
 Sample : VX1207WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBS01

Quant Time: Dec 08 01:42:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2022
 Supervised By : Mahesh Dadoda 12/08/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	150462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	236021	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46398	48.068	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.140%		
35) Dibromofluoromethane	5.385	113	50667	47.728	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.460%		
50) Toluene-d8	8.647	98	111412	50.168	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.340%		
62) 4-Bromofluorobenzene	11.079	95	88649	52.207	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.420%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	21086	20.062	ug/l	96
3) Chloromethane	1.294	50	23207	19.097	ug/l	98
4) Vinyl Chloride	1.374	62	26347	18.988	ug/l	99
5) Bromomethane	1.617	94	20211	19.848	ug/l	100
6) Chloroethane	1.691	64	20366	19.350	ug/l	97
7) Trichlorofluoromethane	1.892	101	53526	20.547	ug/l	100
8) Diethyl Ether	2.136	74	18146	19.285	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	28271	20.458	ug/l	100
10) Methyl Iodide	2.453	142	25644	16.944	ug/l	100
11) Tert butyl alcohol	2.995	59	24717m	83.754	ug/l	
12) 1,1-Dichloroethene	2.319	96	26186	19.197	ug/l	90
13) Acrolein	2.239	56	27256	85.158	ug/l	99
14) Allyl chloride	2.666	41	41067	18.852	ug/l	97
15) Acrylonitrile	3.068	53	68754	94.050	ug/l	100
16) Acetone	2.392	43	63508	88.913	ug/l	98
17) Carbon Disulfide	2.514	76	66761	19.069	ug/l	98
18) Methyl Acetate	2.703	43	39381	19.046	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	89840	19.014	ug/l	99
20) Methylene Chloride	2.788	84	29880	18.758	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	28876	19.352	ug/l	98
22) Diisopropyl ether	3.757	45	88929	19.055	ug/l #	87
23) Vinyl Acetate	3.721	43	345462	95.366	ug/l	98
24) 1,1-Dichloroethane	3.611	63	52343	19.088	ug/l	100
25) 2-Butanone	4.562	43	96965	94.574	ug/l	99
26) 2,2-Dichloropropane	4.471	77	37872	18.780	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	33976	19.053	ug/l	100
28) Bromochloromethane	4.897	49	22714	19.787	ug/l	96
29) Tetrahydrofuran	5.007	42	63623	95.777	ug/l	100
30) Chloroform	5.092	83	58220	19.124	ug/l	99
31) Cyclohexane	5.470	56	46281	20.175	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	51824	19.785	ug/l	100
36) 1,1-Dichloropropene	5.690	75	41759	20.176	ug/l	99
37) Ethyl Acetate	4.714	43	36868	18.844	ug/l	99
38) Carbon Tetrachloride	5.678	117	46908	20.228	ug/l	96
39) Methylcyclohexane	7.379	83	49400	21.324	ug/l	98
40) Benzene	6.037	78	120350	19.943	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21537	19.977	ug/l	98
42) 1,2-Dichloroethane	6.086	62	48353	20.178	ug/l	100
43) Isopropyl Acetate	6.336	43	60881	19.340	ug/l	99
44) Trichloroethene	7.129	130	33435	20.095	ug/l	99
45) 1,2-Dichloropropane	7.433	63	30279	19.619	ug/l	98
46) Dibromomethane	7.580	93	23112	19.659	ug/l	99
47) Bromodichloromethane	7.824	83	44594	19.459	ug/l	100
48) Methyl methacrylate	7.690	41	31511	19.395	ug/l	96
49) 1,4-Dioxane	7.702	88	14422	389.280	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	199332	100.130	ug/l	97
52) Toluene	8.720	92	79672	20.420	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	42471	18.892	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	46887	19.226	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	32555	19.849	ug/l	97
56) Ethyl methacrylate	9.116	69	45172	19.562	ug/l	95
57) 1,3-Dichloropropane	9.311	76	51741	19.638	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	104248	98.663	ug/l	100
59) 2-Hexanone	9.427	43	152706	104.091	ug/l	98
60) Dibromochloromethane	9.518	129	35165	19.460	ug/l	99
61) 1,2-Dibromoethane	9.610	107	34676	19.877	ug/l	99
64) Tetrachloroethene	9.275	164	29375	19.702	ug/l	97
65) Chlorobenzene	10.079	112	86986	19.700	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	32790	19.651	ug/l	98
67) Ethyl Benzene	10.195	91	156323	20.322	ug/l	98
68) m/p-Xylenes	10.305	106	122069	40.787	ug/l	99
69) o-Xylene	10.640	106	59530	20.123	ug/l	99
70) Styrene	10.652	104	98528	20.336	ug/l	99
71) Bromoform	10.799	173	24688	18.692	ug/l #	100
73) Isopropylbenzene	10.963	105	159907	20.214	ug/l	99
74) N-amyl acetate	10.841	43	52555	19.472	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	47921	19.095	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	39539m	17.806	ug/l	
77) Bromobenzene	11.201	156	38472	19.259	ug/l	98
78) n-propylbenzene	11.305	91	181678	20.568	ug/l	100
79) 2-Chlorotoluene	11.366	91	108483	19.873	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	135240	20.538	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11854	16.606	ug/l	93
82) 4-Chlorotoluene	11.457	91	127818	20.137	ug/l	100
83) tert-Butylbenzene	11.713	119	130010	19.799	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	134821	20.511	ug/l	100
85) sec-Butylbenzene	11.890	105	162579	21.221	ug/l	99
86) p-Isopropyltoluene	12.012	119	136901	20.726	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	73124	20.208	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	74480	20.151	ug/l	98
89) n-Butylbenzene	12.335	91	112086	20.719	ug/l	99
90) Hexachloroethane	12.542	117	22144	19.723	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	71000	19.626	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9999	18.446	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	43281	19.809	ug/l	98
94) Hexachlorobutadiene	13.725	225	17941	20.506	ug/l	99
95) Naphthalene	13.774	128	143374	19.672	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	43180	19.513	ug/l	99

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

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