

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111722\
 Data File : VX032890.D
 Acq On : 17 Nov 2022 11:22
 Operator : JC/MD
 Sample : VX1117WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2022
 Supervised By : Mahesh Dadoda 11/18/2022

Quant Time: Nov 18 01:39:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	95207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	148511	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67520	51.040	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.080%			
35) Dibromofluoromethane	5.385	113	56838	53.654	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.300%			
50) Toluene-d8	8.647	98	179761	48.801	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.600%			
62) 4-Bromofluorobenzene	11.079	95	74436	51.732	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.460%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	17558	15.990	ug/l	99
3) Chloromethane	1.294	50	14471	15.583	ug/l	98
4) Vinyl Chloride	1.374	62	17159	16.789	ug/l	98
5) Bromomethane	1.617	94	12567	15.387	ug/l	93
6) Chloroethane	1.691	64	13999	20.418	ug/l	98
7) Trichlorofluoromethane	1.892	101	35378	18.269	ug/l	93
8) Diethyl Ether	2.136	74	11574	18.443	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	19790	19.362	ug/l	99
10) Methyl Iodide	2.453	142	19192	18.151	ug/l	99
11) Tert butyl alcohol	2.995	59	16454m	85.456	ug/l	
12) 1,1-Dichloroethene	2.325	96	17243	18.059	ug/l	95
13) Acrolein	2.239	56	20871	108.580	ug/l	99
14) Allyl chloride	2.666	41	27406	18.006	ug/l	96
15) Acrylonitrile	3.068	53	46142	88.302	ug/l	99
16) Acetone	2.392	43	48473	100.816	ug/l	99
17) Carbon Disulfide	2.514	76	34716	15.265	ug/l	98
18) Methyl Acetate	2.703	43	30893	19.759	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	65811	19.611	ug/l	98
20) Methylene Chloride	2.794	84	20554	18.645	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	18176	17.489	ug/l	97
22) Diisopropyl ether	3.757	45	63610	19.322	ug/l #	86
23) Vinyl Acetate	3.721	43	236828	89.041	ug/l	99
24) 1,1-Dichloroethane	3.611	63	37176	19.632	ug/l	98
25) 2-Butanone	4.562	43	65672	88.162	ug/l	96
26) 2,2-Dichloropropane	4.477	77	29993	19.925	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	23746	19.767	ug/l	98
28) Bromochloromethane	4.903	49	11811	17.511	ug/l	100
29) Tetrahydrofuran	5.013	42	39636	83.445	ug/l	100
30) Chloroform	5.092	83	42623	20.513	ug/l	96
31) Cyclohexane	5.470	56	27462	17.121	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	37427	20.072	ug/l	99
36) 1,1-Dichloropropene	5.696	75	27623	18.725	ug/l	99
37) Ethyl Acetate	4.714	43	24681	16.073	ug/l	99
38) Carbon Tetrachloride	5.678	117	32547	19.892	ug/l	98
39) Methylcyclohexane	7.385	83	29958	17.164	ug/l	99
40) Benzene	6.043	78	79831	19.123	ug/l	100

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41) Methacrylonitrile	4.916	41	14223	18.183	ug/l	98
42) 1,2-Dichloroethane	6.086	62	34673	20.319	ug/l	99
43) Isopropyl Acetate	6.342	43	42918	18.204	ug/l	99
44) Trichloroethene	7.129	130	23146	19.696	ug/l	94
45) 1,2-Dichloropropane	7.433	63	21752	20.299	ug/l	96
46) Dibromomethane	7.586	93	16037	19.514	ug/l	97
47) Bromodichloromethane	7.824	83	32527	20.883	ug/l	99
48) Methyl methacrylate	7.696	41	21565	17.710	ug/l	96
49) 1,4-Dioxane	7.702	88	7838	337.768	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	136088	91.639	ug/l	99
52) Toluene	8.720	92	52263	19.189	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	30976	19.491	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	33650	19.797	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	22740	19.825	ug/l	99
56) Ethyl methacrylate	9.116	69	31303	18.964	ug/l	97
57) 1,3-Dichloropropane	9.311	76	37210	20.088	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	80549	101.345	ug/l	99
59) 2-Hexanone	9.433	43	100920	91.586	ug/l	100
60) Dibromochloromethane	9.525	129	25706	20.518	ug/l	98
61) 1,2-Dibromoethane	9.610	107	23897	19.663	ug/l	99
64) Tetrachloroethene	9.275	164	19816	20.227	ug/l	97
65) Chlorobenzene	10.079	112	59199	19.744	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	23701	21.004	ug/l	98
67) Ethyl Benzene	10.195	91	104465	19.484	ug/l	99
68) m/p-Xylenes	10.299	106	80703	38.763	ug/l	100
69) o-Xylene	10.640	106	39730	19.627	ug/l	99
70) Styrene	10.658	104	66253	19.694	ug/l	100
71) Bromoform	10.799	173	18110	20.299	ug/l #	100
73) Isopropylbenzene	10.963	105	107533	19.328	ug/l	100
74) N-amyl acetate	10.841	43	36431	17.331	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	34804	19.489	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30375m	19.446	ug/l	
77) Bromobenzene	11.201	156	26746	19.609	ug/l	100
78) n-propylbenzene	11.305	91	122250	19.072	ug/l	99
79) 2-Chlorotoluene	11.366	91	74403	19.382	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	94893	19.957	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	8372	17.055	ug/l	93
82) 4-Chlorotoluene	11.457	91	87086	19.388	ug/l	99
83) tert-Butylbenzene	11.713	119	93576	19.712	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	91822	19.416	ug/l	100
85) sec-Butylbenzene	11.890	105	109966	19.251	ug/l	99
86) p-Isopropyltoluene	12.012	119	93638	19.319	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	50522	19.636	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	51276	19.210	ug/l	99
89) n-Butylbenzene	12.335	91	77533	18.387	ug/l	100
90) Hexachloroethane	12.536	117	15177	19.170	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	51109	20.146	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7109	18.156	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	31064	18.779	ug/l	99
94) Hexachlorobutadiene	13.725	225	12978	18.786	ug/l	99
95) Naphthalene	13.774	128	100866	18.300	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	31025	18.451	ug/l	99

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

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