

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029019.D
 Acq On : 27 May 2022 13:17
 Operator : JC/MD
 Sample : VX0527WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/31/2022
 Supervised By : Mahesh Dadoda 05/31/2022

Quant Time: May 27 16:40:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	264270	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	424600	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	384099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	198750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	174521	48.177	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.360%		
35) Dibromofluoromethane	5.385	113	149735	53.824	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	107.640%		
50) Toluene-d8	8.647	98	531354	50.661	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.320%		
62) 4-Bromofluorobenzene	11.079	95	209909	53.583	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	107.160%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	60029	17.348	ug/l	99
3) Chloromethane	1.288	50	53164	16.314	ug/l	99
4) Vinyl Chloride	1.374	62	59138	16.839	ug/l	96
5) Bromomethane	1.605	94	59878	20.889	ug/l	99
6) Chloroethane	1.685	64	40247	16.728	ug/l	99
7) Trichlorofluoromethane	1.886	101	95185	17.000	ug/l	95
8) Diethyl Ether	2.130	74	37123	18.196	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	59050	20.041	ug/l	99
10) Methyl Iodide	2.453	142	52957	15.012	ug/l	95
11) Tert butyl alcohol	2.959	59	79922	99.145	ug/l	96
12) 1,1-Dichloroethene	2.319	96	50933	18.622	ug/l	99
13) Acrolein	2.233	56	15062	25.331	ug/l	96
14) Allyl chloride	2.660	41	81921	18.675	ug/l	95
15) Acrylonitrile	3.062	53	171209	98.094	ug/l	99
16) Acetone	2.380	43	159396	102.525	ug/l	95
17) Carbon Disulfide	2.508	76	100082	14.116	ug/l	100
18) Methyl Acetate	2.703	43	77960	20.021	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	200016	20.608	ug/l	99
20) Methylene Chloride	2.788	84	62861	19.272	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	55690	18.077	ug/l	96
22) Diisopropyl ether	3.757	45	186062	19.848	ug/l #	85
23) Vinyl Acetate	3.721	43	774207	95.801	ug/l	97
24) 1,1-Dichloroethane	3.611	63	108203	19.854	ug/l	100
25) 2-Butanone	4.556	43	233831	95.818	ug/l	98
26) 2,2-Dichloropropane	4.477	77	88153	20.630	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	70979	19.726	ug/l	98
28) Bromochloromethane	4.891	49	41768	18.208	ug/l	97
29) Tetrahydrofuran	5.001	42	146659	92.455	ug/l	94
30) Chloroform	5.093	83	119939	20.335	ug/l	98
31) Cyclohexane	5.471	56	86914	17.285	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	104385	20.273	ug/l	99
36) 1,1-Dichloropropene	5.696	75	81381	19.477	ug/l	99
37) Ethyl Acetate	4.708	43	87482	20.045	ug/l	99
38) Carbon Tetrachloride	5.678	117	87520	20.813	ug/l	96
39) Methylcyclohexane	7.385	83	93374	19.486	ug/l	93
40) Benzene	6.037	78	243809	20.303	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	47511	20.304	ug/l	96
42) 1,2-Dichloroethane	6.086	62	91522	20.662	ug/l	99
43) Isopropyl Acetate	6.342	43	136883	20.048	ug/l	97
44) Trichloroethene	7.129	130	67549	20.741	ug/l	95
45) 1,2-Dichloropropane	7.434	63	63961	21.348	ug/l	96
46) Dibromomethane	7.586	93	45270	20.233	ug/l	97
47) Bromodichloromethane	7.824	83	88476	21.299	ug/l	97
48) Methyl methacrylate	7.696	41	66956	20.301	ug/l	93
49) 1,4-Dioxane	7.665	88	31903	387.188	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	450470	100.164	ug/l	96
52) Toluene	8.720	92	159621	20.663	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	89580	19.760	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	99769	21.345	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	70491	22.378	ug/l	98
56) Ethyl methacrylate	9.116	69	101531	21.285	ug/l	92
57) 1,3-Dichloropropane	9.311	76	113329	21.331	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	233059	99.795	ug/l	96
59) 2-Hexanone	9.433	43	344466	98.585	ug/l	94
60) Dibromochloromethane	9.525	129	68742	22.377	ug/l	96
61) 1,2-Dibromoethane	9.610	107	70686	21.365	ug/l	97
64) Tetrachloroethene	9.275	164	62136	21.422	ug/l	98
65) Chlorobenzene	10.079	112	177436	21.775	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	67780	23.482	ug/l	98
67) Ethyl Benzene	10.195	91	309301	21.177	ug/l	98
68) m/p-Xylenes	10.305	106	244232	42.952	ug/l	98
69) o-Xylene	10.640	106	120701	21.560	ug/l	99
70) Styrene	10.659	104	202530	22.277	ug/l	98
71) Bromoform	10.799	173	47508	20.976	ug/l	98
73) Isopropylbenzene	10.963	105	323161	21.441	ug/l	99
74) N-amyl acetate	10.842	43	111152	18.761	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	109653	21.207	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	98161m	21.089	ug/l	
77) Bromobenzene	11.201	156	77749	21.801	ug/l	98
78) n-propylbenzene	11.305	91	365867	20.985	ug/l	100
79) 2-Chlorotoluene	11.366	91	226016	21.151	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	275420	21.930	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	26607	19.603	ug/l #	83
82) 4-Chlorotoluene	11.457	91	262113	21.218	ug/l	99
83) tert-Butylbenzene	11.719	119	275064	22.621	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	273071	21.683	ug/l	99
85) sec-Butylbenzene	11.890	105	339927	22.663	ug/l	100
86) p-Isopropyltoluene	12.012	119	291370	23.150	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	150484	21.513	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	152994	21.087	ug/l	98
89) n-Butylbenzene	12.335	91	238121	21.836	ug/l	99
90) Hexachloroethane	12.542	117	42984	21.119	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	151941	22.111	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23971	21.711	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	97340	24.526	ug/l	97
94) Hexachlorobutadiene	13.725	225	41332	25.635	ug/l	95
95) Naphthalene	13.780	128	329092	23.302	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	96716	24.263	ug/l	95

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

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