

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062722\
 Data File : VX029811.D
 Acq On : 27 Jun 2022 11:48
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Jun 27 13:42:58 2022
 Quant Title :
 QLast Update : Mon Jun 27 15:32:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	264440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	525631	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	455140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	21562	5.994	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.980%#		
35) Dibromofluoromethane	5.391	113	18100	5.335	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.660%#		
50) Toluene-d8	8.653	98	65026	5.190	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.380%#		
62) 4-Bromofluorobenzene	11.085	95	23251	4.956	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.920%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	14499	4.483	ug/l	99
3) Chloromethane	1.288	50	16606	4.720	ug/l	97
4) Vinyl Chloride	1.374	62	17825	5.392	ug/l	96
5) Bromomethane	1.605	94	3625	2.449	ug/l	98
6) Chloroethane	1.679	64	9503	5.099	ug/l	89
7) Trichlorofluoromethane	1.886	101	21986	4.982	ug/l	97
8) Diethyl Ether	2.136	74	11289	6.321	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	16711	5.920	ug/l	89
10) Methyl Iodide	2.453	142	13545	4.705	ug/l	100
11) Tert butyl alcohol	2.947	59	39046m	42.103	ug/l	
12) 1,1-Dichloroethene	2.319	96	16067	5.812	ug/l	85
13) Acrolein	2.239	56	20136	69.268	ug/l	90
14) Allyl chloride	2.666	41	28719	6.242	ug/l	93
15) Acrylonitrile	3.068	53	62781	35.661	ug/l	100
16) Acetone	2.386	43	51021	34.330	ug/l	96
17) Carbon Disulfide	2.508	76	29743	4.122	ug/l	100
18) Methyl Acetate	2.709	43	32289	8.085	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	57776	6.036	ug/l	99
20) Methylene Chloride	2.788	84	21395	6.595	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	16694	5.542	ug/l	92
22) Diisopropyl ether	3.764	45	62941	6.902	ug/l #	80
23) Vinyl Acetate	3.727	43	258802	33.771	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	33692	6.270	ug/l	98
25) 2-Butanone	4.568	43	84330	35.379	ug/l	93
26) 2,2-Dichloropropane	4.483	77	23485	5.755	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	21721	6.149	ug/l	95
28) Bromochloromethane	4.904	49	13983	6.870	ug/l	82
29) Tetrahydrofuran	5.013	42	55256	34.688	ug/l	92
30) Chloroform	5.099	83	32565	5.840	ug/l	98
31) Cyclohexane	5.477	56	27364	5.449	ug/l	88
32) 1,1,1-Trichloroethane	5.397	97	24532	5.081	ug/l #	93
36) 1,1-Dichloropropene	5.702	75	23417	5.012	ug/l	98
37) Ethyl Acetate	4.721	43	30639	6.181	ug/l	97
38) Carbon Tetrachloride	5.678	117	19706	4.429	ug/l	97
39) Methylcyclohexane	7.379	83	27926	4.798	ug/l	87
40) Benzene	6.044	78	78033	5.576	ug/l	97
41) Methacrylonitrile	4.922	41	17454	6.648	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.092	62	25051	5.261	ug/l	97
43) Isopropyl Acetate	6.348	43	48369	6.306	ug/l	97
44) Trichloroethene	7.129	130	19929	4.277	ug/l	82
45) 1,2-Dichloropropane	7.434	63	21490	6.209	ug/l	98
46) Dibromomethane	7.586	93	13754	5.660	ug/l #	85
47) Bromodichloromethane	7.824	83	24313	5.234	ug/l	97
48) Methyl methacrylate	7.696	41	22695	6.045	ug/l	92
49) 1,4-Dioxane	7.690	88	11586	121.473	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	160264	32.277	ug/l	93
52) Toluene	8.720	92	46746	5.310	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	24124	5.097	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	29732	5.565	ug/l #	92
55) 1,1,2-Trichloroethane	9.153	97	20788	5.814	ug/l	88
56) Ethyl methacrylate	9.122	69	31847	5.810	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	35230	5.853	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	79511	30.728	ug/l	94
59) 2-Hexanone	9.433	43	124316	32.850	ug/l	90
60) Dibromochloromethane	9.525	129	17014	5.011	ug/l	95
61) 1,2-Dibromoethane	9.610	107	19350	5.232	ug/l	95
64) Tetrachloroethene	9.275	164	13012	4.106	ug/l #	90
65) Chlorobenzene	10.079	112	48758	5.469	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	15691	4.979	ug/l	93
67) Ethyl Benzene	10.195	91	89674	5.545	ug/l	96
68) m/p-Xylenes	10.305	106	65891	10.517	ug/l	95
69) o-Xylene	10.646	106	34326	5.561	ug/l	100
70) Styrene	10.659	104	54766	5.434	ug/l	98
71) Bromoform	10.799	173	10413	4.707	ug/l #	96
73) Isopropylbenzene	10.963	105	84772	5.906	ug/l	100
74) N-amyl acetate	10.848	43	39985	7.536	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	33563	7.002	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	29680m	6.934	ug/l	
77) Bromobenzene	11.201	156	18953	5.865	ug/l	82
78) n-propylbenzene	11.305	91	100852	6.139	ug/l	99
79) 2-Chlorotoluene	11.366	91	60868	6.044	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	71366	5.947	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8198	6.155	ug/l #	81
82) 4-Chlorotoluene	11.457	91	68673	5.974	ug/l	97
83) tert-Butylbenzene	11.713	119	69536	5.918	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	68421	5.688	ug/l	99
85) sec-Butylbenzene	11.890	105	87878	5.992	ug/l	97
86) p-Isopropyltoluene	12.012	119	69341	5.686	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	34100	5.519	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	35104	5.691	ug/l	92
89) n-Butylbenzene	12.335	91	62203	5.923	ug/l	97
90) Hexachloroethane	12.542	117	9588	5.433	ug/l	81
91) 1,2-Dichlorobenzene	12.335	146	34390	5.668	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6862	6.387	ug/l	75
93) 1,2,4-Trichlorobenzene	13.591	180	19483	5.317	ug/l	94
94) Hexachlorobutadiene	13.725	225	7241	4.950	ug/l	92
95) Naphthalene	13.780	128	81124	5.972	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	19524	5.294	ug/l	93

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