

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062722\
 Data File : VX029810.D
 Acq On : 27 Jun 2022 11:25
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Jun 27 13:44:57 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	302781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	581776	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	507386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	221362	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	2440	0.665	ug/l	93
3) Chloromethane	1.288	50	2825	0.715	ug/l	99
4) Vinyl Chloride	1.368	62	3019	0.830	ug/l	93
6) Chloroethane	1.679	64	1905	0.910	ug/l #	71
7) Trichlorofluoromethane	1.886	101	3616	0.714	ug/l	93
8) Diethyl Ether	2.136	74	1765	0.884	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	2648	0.833	ug/l	96
11) Tert butyl alcohol	2.947	59	17916	17.982	ug/l #	74
12) 1,1-Dichloroethene	2.325	96	2168	0.707	ug/l	85
14) Allyl chloride	2.666	41	5615	1.134	ug/l	95
15) Acrylonitrile	3.075	53	9846	5.252	ug/l	97
16) Acetone	2.386	43	9018	5.645	ug/l	97
17) Carbon Disulfide	2.514	76	5029	0.632	ug/l	96
18) Methyl Acetate	2.709	43	5461	1.293	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	8767	0.823	ug/l	98
20) Methylene Chloride	2.788	84	3893	1.094	ug/l #	93
21) trans-1,2-Dichloroethene	3.093	96	2551	0.761	ug/l	93
22) Diisopropyl ether	3.764	45	10504	1.072	ug/l	89
23) Vinyl Acetate	3.727	43	38119	4.660	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	5525	0.938	ug/l	99
25) 2-Butanone	4.568	43	14105	5.586	ug/l	97
26) 2,2-Dichloropropane	4.477	77	3780	0.824	ug/l	94
27) cis-1,2-Dichloroethene	4.501	96	3611	0.922	ug/l	97
28) Bromochloromethane	4.904	49	3311	1.471	ug/l #	43
29) Tetrahydrofuran	5.025	42	9866	5.863	ug/l	96
30) Chloroform	5.093	83	5390	0.864	ug/l	84
32) 1,1,1-Trichloroethane	5.385	97	4141	0.753	ug/l #	45
36) 1,1-Dichloropropene	5.708	75	4526	0.882	ug/l #	64
37) Ethyl Acetate	4.727	43	4340	0.825	ug/l #	82
38) Carbon Tetrachloride	5.666	117	2858m	0.566	ug/l	
39) Methylcyclohexane	7.385	83	4529	0.708	ug/l	92
40) Benzene	6.050	78	12678	0.833	ug/l	94
41) Methacrylonitrile	4.922	41	2673m	0.965	ug/l	
42) 1,2-Dichloroethane	6.086	62	4376	0.837	ug/l	95
43) Isopropyl Acetate	6.348	43	7847	0.959	ug/l	97
44) Trichloroethene	7.135	130	4972	0.953	ug/l	82
45) 1,2-Dichloropropane	7.440	63	3789	1.016	ug/l #	82

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46) Dibromomethane	7.586	93	2148	0.801	ug/l	97
47) Bromodichloromethane	7.824	83	3707	0.717	ug/l #	93
48) Methyl methacrylate	7.696	41	3897	0.972	ug/l #	90
49) 1,4-Dioxane	7.684	88	1642	15.881	ug/l	86
51) 4-Methyl-2-Pentanone	8.574	43	25956	4.924	ug/l	96
52) Toluene	8.726	92	6952	0.714	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	3674	0.704	ug/l #	87
54) cis-1,3-Dichloropropene	8.372	75	4446	0.760	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	3092	0.785	ug/l	92
56) Ethyl methacrylate	9.122	69	5306	0.892	ug/l	97
57) 1,3-Dichloropropane	9.311	76	4919	0.750	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.244	63	16439	5.881	ug/l	99
59) 2-Hexanone	9.433	43	18485	4.631	ug/l	97
60) Dibromochloromethane	9.519	129	2496	0.653	ug/l	91
61) 1,2-Dibromoethane	9.616	107	3361	0.823	ug/l	90
64) Tetrachloroethene	9.281	164	2280	0.621	ug/l	94
65) Chlorobenzene	10.079	112	7516	0.755	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	2485	0.695	ug/l #	60
67) Ethyl Benzene	10.195	91	13125	0.733	ug/l	94
68) m/p-Xylenes	10.305	106	10188	1.459	ug/l	99
69) o-Xylene	10.646	106	4735	0.686	ug/l	90
70) Styrene	10.659	104	7706	0.682	ug/l	96
71) Bromoform	10.799	173	1636	0.645	ug/l #	98
73) Isopropylbenzene	10.963	105	12585	0.758	ug/l	100
74) N-amyl acetate	10.848	43	5633	0.977	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	5333	0.994	ug/l	94
76) 1,2,3-Trichloropropane	11.244	75	4438m	0.920	ug/l	
77) Bromobenzene	11.195	156	2728	0.720	ug/l	93
78) n-propylbenzene	11.305	91	15961	0.854	ug/l	99
79) 2-Chlorotoluene	11.366	91	9777	0.845	ug/l	94
80) 1,3,5-Trimethylbenzene	11.457	105	10519	0.753	ug/l	96
82) 4-Chlorotoluene	11.457	91	10727	0.813	ug/l	97
83) tert-Butylbenzene	11.713	119	11352	0.833	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	11015	0.790	ug/l	96
85) sec-Butylbenzene	11.890	105	12873	0.762	ug/l	95
86) p-Isopropyltoluene	12.012	119	10426	0.737	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	5755	0.798	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	6016m	0.835	ug/l	
89) n-Butylbenzene	12.335	91	9474	0.794	ug/l	97
90) Hexachloroethane	12.536	117	1805	0.891	ug/l	90
91) 1,2-Dichlorobenzene	12.341	146	5552	0.783	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1193	1.003	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	3025	0.699	ug/l	92
94) Hexachlorobutadiene	13.725	225	1208	0.682	ug/l	96
95) Naphthalene	13.780	128	12755	0.821	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	3140	0.725	ug/l	97

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

