

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062722\
 Data File : VX029815.D
 Acq On : 27 Jun 2022 13:21
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	273662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	534581	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	472735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	205048	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	412875	110.899	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	221.800%#
35) Dibromofluoromethane	5.391	113	337519	97.813	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	195.620%#
50) Toluene-d8	8.653	98	1334059	104.694	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	209.380%#
62) 4-Bromofluorobenzene	11.085	95	501231	105.051	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	210.100%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	344072	102.805	ug/l	100
3) Chloromethane	1.288	50	368692	101.259	ug/l	100
4) Vinyl Chloride	1.374	62	397685	116.243	ug/l	99
5) Bromomethane	1.605	94	79581	51.946	ug/l	100
7) Trichlorofluoromethane	1.880	101	435429	95.344	ug/l	100
8) Diethyl Ether	2.136	74	199998	108.205	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.325	101	310439	106.275	ug/l	93
10) Methyl Iodide	2.453	142	403255	135.347	ug/l	96
11) Tert butyl alcohol	2.989	59	503555m	524.685	ug/l	
12) 1,1-Dichloroethene	2.313	96	323063	112.931	ug/l	99
13) Acrolein	2.240	56	352014	1170.120	ug/l	97
14) Allyl chloride	2.660	41	607830	127.668	ug/l	93
15) Acrylonitrile	3.069	53	1175782	645.364	ug/l	99
16) Acetone	2.392	43	922680	599.907	ug/l	99
17) Carbon Disulfide	2.508	76	900265	120.556	ug/l	100
18) Methyl Acetate	2.709	43	556108	134.549	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	1103474	111.397	ug/l	97
20) Methylene Chloride	2.788	84	378029	112.600	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	346527	111.160	ug/l	98
22) Diisopropyl ether	3.764	45	1191932	126.308	ug/l	90
23) Vinyl Acetate	3.727	43	5207835	656.660	ug/l	95
24) 1,1-Dichloroethane	3.611	63	653608	117.529	ug/l	97
25) 2-Butanone	4.568	43	1613565	654.134	ug/l	96
26) 2,2-Dichloropropane	4.477	77	461452	109.262	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	413389	113.086	ug/l	99
28) Bromochloromethane	4.904	49	251180	119.245	ug/l	86
29) Tetrahydrofuran	5.013	42	1101778	668.345	ug/l	88
30) Chloroform	5.099	83	629377	109.068	ug/l	94
31) Cyclohexane	5.477	56	624857	120.229	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	492919	98.661	ug/l	97
36) 1,1-Dichloropropene	5.696	75	499232	105.053	ug/l	99
37) Ethyl Acetate	4.721	43	618634	122.710	ug/l	99
38) Carbon Tetrachloride	5.684	117	408825	90.338	ug/l	93
39) Methylcyclohexane	7.385	83	614416	103.796	ug/l	92
40) Benzene	6.044	78	1526850	107.287	ug/l	98
41) Methacrylonitrile	4.922	41	344513	129.022	ug/l	92
42) 1,2-Dichloroethane	6.092	62	492263	101.646	ug/l	99

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43) Isopropyl Acetate	6.349	43	938766	120.349	ug/l	97
44) Trichloroethene	7.129	130	357829	75.505	ug/l	87
45) 1,2-Dichloropropane	7.434	63	396419	112.621	ug/l	98
46) Dibromomethane	7.586	93	253251	102.473	ug/l	88
47) Bromodichloromethane	7.824	83	476613	100.881	ug/l	100
48) Methyl methacrylate	7.696	41	454950	119.149	ug/l	90
49) 1,4-Dioxane	7.690	88	210302	2167.982	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	2965328	587.223	ug/l	95
52) Toluene	8.720	92	915466	102.257	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	543960	113.012	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	613216	112.863	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	370147	101.798	ug/l	94
56) Ethyl methacrylate	9.122	69	656352	117.737	ug/l	93
57) 1,3-Dichloropropane	9.311	76	649651	106.127	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	1583667	601.780	ug/l	93
59) 2-Hexanone	9.439	43	2263800	588.192	ug/l	94
60) Dibromochloromethane	9.525	129	345701	100.110	ug/l	96
61) 1,2-Dibromoethane	9.610	107	388711	103.338	ug/l	98
64) Tetrachloroethene	9.275	164	260943	79.275	ug/l	91
65) Chlorobenzene	10.080	112	936634	101.144	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	306124	93.530	ug/l	95
67) Ethyl Benzene	10.195	91	1706018	101.558	ug/l	99
68) m/p-Xylenes	10.305	106	1284745	197.422	ug/l	99
69) o-Xylene	10.647	106	642810	100.261	ug/l	100
70) Styrene	10.659	104	1065210	101.765	ug/l	98
71) Bromoform	10.805	173	223550	97.283	ug/l	99
73) Isopropylbenzene	10.964	105	1614034	103.306	ug/l	100
74) N-amyl acetate	10.848	43	802446	138.954	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.214	83	601139	115.211	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	545455m	117.079	ug/l	
77) Bromobenzene	11.201	156	352899	100.332	ug/l	80
78) n-propylbenzene	11.305	91	1956910	109.432	ug/l	99
79) 2-Chlorotoluene	11.366	91	1192763	108.808	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	1346566	103.084	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.025	75	203485	140.366	ug/l	98
82) 4-Chlorotoluene	11.457	91	1336047	106.775	ug/l	97
83) tert-Butylbenzene	11.720	119	1317759	103.040	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	1391072	106.237	ug/l	99
85) sec-Butylbenzene	11.896	105	1730294	108.384	ug/l	98
86) p-Isopropyltoluene	12.012	119	1389921	104.719	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	683458	101.630	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	685824	102.154	ug/l	95
89) n-Butylbenzene	12.335	91	1348480	117.967	ug/l	97
90) Hexachloroethane	12.543	117	229436	119.443	ug/l	80
91) 1,2-Dichlorobenzene	12.341	146	654731	99.138	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	147613	126.227	ug/l	80
93) 1,2,4-Trichlorobenzene	13.591	180	399551	100.186	ug/l	96
94) Hexachlorobutadiene	13.725	225	139571	87.649	ug/l	94
95) Naphthalene	13.780	128	1717227	116.144	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	400558	99.782	ug/l	93

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

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