

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062722\
 Data File : VX029818.D
 Acq On : 27 Jun 2022 14:57
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 27 18:43:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 15:32:24 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/28/2022
 Supervised By : Mahesh Dadoda 06/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	290717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	555935	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	480321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	221510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	410053	91.043	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 182.080%#			
35) Dibromofluoromethane	5.391	113	337850	94.601	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 189.200%#			
50) Toluene-d8	8.653	98	1336911	95.592	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 191.180%#			
62) 4-Bromofluorobenzene	11.085	95	499029	97.570	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 195.140%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	351030	96.557	ug/l	100
3) Chloromethane	1.288	50	355490	87.830	ug/l	98
4) Vinyl Chloride	1.374	62	385061	90.261	ug/l	98
5) Bromomethane	1.611	94	80912	95.252	ug/l	99
6) Chloroethane	1.679	64	60852	26.007	ug/l	99
7) Trichlorofluoromethane	1.880	101	438461	90.306	ug/l	98
8) Diethyl Ether	2.136	74	197119	85.553	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	316001	91.726	ug/l	92
10) Methyl Iodide	2.447	142	372284	94.193	ug/l	97
11) Tert butyl alcohol	2.995	59	490262	455.865	ug/l #	82
12) 1,1-Dichloroethene	2.313	96	316640	89.345	ug/l	98
13) Acrolein	2.239	56	306485	388.904	ug/l	98
14) Allyl chloride	2.660	41	595152	91.987	ug/l	93
15) Acrylonitrile	3.075	53	1176348	443.738	ug/l	99
16) Acetone	2.392	43	876571	408.236	ug/l	98
17) Carbon Disulfide	2.508	76	854026	93.641	ug/l	100
18) Methyl Acetate	2.709	43	545150	84.672	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	1110103	90.558	ug/l	94
20) Methylene Chloride	2.788	84	375105	84.442	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	341896	90.116	ug/l	86
22) Diisopropyl ether	3.764	45	1187537	89.757	ug/l	91
23) Vinyl Acetate	3.727	43	5133283	456.167	ug/l	95
24) 1,1-Dichloroethane	3.611	63	656134	91.208	ug/l	98
25) 2-Butanone	4.562	43	1596724	437.902	ug/l	94
26) 2,2-Dichloropropane	4.477	77	478575	94.968	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	425129	91.726	ug/l	98
28) Bromochloromethane	4.904	49	246448	86.528	ug/l	86
29) Tetrahydrofuran	5.013	42	1073657	441.662	ug/l	90
30) Chloroform	5.099	83	635514	90.829	ug/l	94
31) Cyclohexane	5.477	56	631008	94.053	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	500720	92.258	ug/l	96
36) 1,1-Dichloropropene	5.696	75	507667	97.048	ug/l	99
37) Ethyl Acetate	4.721	43	621485	96.419	ug/l	98
38) Carbon Tetrachloride	5.678	117	402510	94.853	ug/l	97
39) Methylcyclohexane	7.385	83	635575	100.013	ug/l	95
40) Benzene	6.044	78	1495345	91.064	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	326701	88.439	ug/l	93
42) 1,2-Dichloroethane	6.092	62	475429	89.698	ug/l	99
43) Isopropyl Acetate	6.348	43	935056	94.818	ug/l	96
44) Trichloroethene	7.129	130	354293	87.945	ug/l	91
45) 1,2-Dichloropropane	7.434	63	396791	91.470	ug/l	99
46) Dibromomethane	7.586	93	250463	90.289	ug/l #	87
47) Bromodichloromethane	7.824	83	480142	96.879	ug/l	93
48) Methyl methacrylate	7.696	41	449719	91.676	ug/l	88
49) 1,4-Dioxane	7.690	88	199789	1697.963	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	2929806	450.685	ug/l	94
52) Toluene	8.720	92	898886	92.226	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	565307	105.347	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	611846	97.529	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	385750	93.963	ug/l	98
56) Ethyl methacrylate	9.122	69	640701	95.940	ug/l	91
57) 1,3-Dichloropropane	9.311	76	629855	90.941	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1478262	462.771	ug/l	93
59) 2-Hexanone	9.433	43	2255190	446.778	ug/l	93
60) Dibromochloromethane	9.525	129	332014	95.151	ug/l	97
61) 1,2-Dibromoethane	9.616	107	388138	95.039	ug/l	100
64) Tetrachloroethene	9.275	164	266416	96.132	ug/l #	91
65) Chlorobenzene	10.079	112	936351	92.787	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	307274	94.394	ug/l	96
67) Ethyl Benzene	10.195	91	1702452	93.022	ug/l	99
68) m/p-Xylenes	10.305	106	1284283	186.568	ug/l	97
69) o-Xylene	10.646	106	634973	93.313	ug/l	98
70) Styrene	10.659	104	1068356	95.444	ug/l	98
71) Bromoform	10.805	173	221793	101.929	ug/l #	99
73) Isopropylbenzene	10.963	105	1596327	86.838	ug/l	100
74) N-amyl acetate	10.848	43	783699	88.843	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	610469	84.980	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	554432m	88.293	ug/l	
77) Bromobenzene	11.201	156	341852	84.683	ug/l	77
78) n-propylbenzene	11.305	91	1995174	89.687	ug/l	99
79) 2-Chlorotoluene	11.366	91	1180410	88.088	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	1358551	88.498	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	204405	99.004	ug/l	98
82) 4-Chlorotoluene	11.457	91	1343618	88.018	ug/l	97
83) tert-Butylbenzene	11.719	119	1322091	88.781	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	1399959	90.424	ug/l	99
85) sec-Butylbenzene	11.896	105	1780044	91.908	ug/l	97
86) p-Isopropyltoluene	12.012	119	1404680	91.689	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	690861	89.092	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	678150	86.345	ug/l	96
89) n-Butylbenzene	12.335	91	1397164	97.357	ug/l	97
90) Hexachloroethane	12.542	117	234153	101.094	ug/l	79
91) 1,2-Dichlorobenzene	12.335	146	645086	83.669	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	149502	91.368	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	401785	89.992	ug/l	97
94) Hexachlorobutadiene	13.725	225	142121	88.655	ug/l	96
95) Naphthalene	13.780	128	1699017	89.873	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	406730	90.162	ug/l	94

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

