

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072522\
 Data File : VX030192.D
 Acq On : 25 Jul 2022 14:44
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 25 16:14:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:09:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/26/2022
 Supervised By : Mahesh Dadoda 07/26/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	164956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	280846	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	314175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	196496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	321236	94.557	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 189.120%#			
35) Dibromofluoromethane	5.385	113	262934	96.579	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 193.160%#			
50) Toluene-d8	8.653	98	1061936	101.495	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 202.980%#			
62) 4-Bromofluorobenzene	11.085	95	431273	111.681	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 223.360%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	269576	96.296	ug/l	99
3) Chloromethane	1.288	50	246607	92.112	ug/l	100
4) Vinyl Chloride	1.374	62	252850	93.577	ug/l	99
5) Bromomethane	1.593	94	88153	68.742	ug/l	97
6) Chloroethane	1.666	64	145802	95.034	ug/l	96
7) Trichlorofluoromethane	1.874	101	342686	96.842	ug/l	97
8) Diethyl Ether	2.136	74	126561	91.396	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	238845	91.121	ug/l	99
10) Methyl Iodide	2.447	142	256162	108.815	ug/l	98
11) Tert butyl alcohol	2.977	59	384977	480.053	ug/l	98
12) 1,1-Dichloroethene	2.312	96	232386	90.588	ug/l	94
13) Acrolein	2.239	56	80366	379.817	ug/l	99
14) Allyl chloride	2.660	41	486082	91.809	ug/l	98
15) Acrylonitrile	3.068	53	912672	456.584	ug/l	99
16) Acetone	2.386	43	753830	443.350	ug/l	95
17) Carbon Disulfide	2.501	76	640083	92.562	ug/l	99
18) Methyl Acetate	2.703	43	431249	86.604	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	832243	94.522	ug/l	96
20) Methylene Chloride	2.782	84	278417	71.017	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	257187	91.356	ug/l	95
22) Diisopropyl ether	3.763	45	971924	96.963	ug/l	89
23) Vinyl Acetate	3.721	43	4294365	492.468	ug/l	98
24) 1,1-Dichloroethane	3.605	63	486790	91.442	ug/l	99
25) 2-Butanone	4.562	43	1332762	467.862	ug/l	97
26) 2,2-Dichloropropane	4.477	77	384908	101.652	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	307089	92.186	ug/l	94
28) Bromochloromethane	4.897	49	216586	94.156	ug/l	94
29) Tetrahydrofuran	5.007	42	903757	472.581	ug/l	95
30) Chloroform	5.092	83	495080	94.088	ug/l	99
31) Cyclohexane	5.464	56	464539	97.031	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	407526	95.196	ug/l	99
36) 1,1-Dichloropropene	5.690	75	368765	96.000	ug/l	97
37) Ethyl Acetate	4.714	43	504646	93.442	ug/l	97
38) Carbon Tetrachloride	5.678	117	346642	96.833	ug/l	96
39) Methylcyclohexane	7.379	83	492567	101.190	ug/l	96
40) Benzene	6.037	78	1123393	93.549	ug/l	99

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41) Methacrylonitrile	4.922	41	285354	98.090	ug/l	95
42) 1,2-Dichloroethane	6.086	62	385874	92.782	ug/l	97
43) Isopropyl Acetate	6.342	43	775160	97.710	ug/l	97
44) Trichloroethene	7.123	130	300783	91.537	ug/l	93
45) 1,2-Dichloropropane	7.434	63	311705	97.149	ug/l	97
46) Dibromomethane	7.580	93	200052	91.937	ug/l	97
47) Bromodichloromethane	7.824	83	388392	97.875	ug/l	95
48) Methyl methacrylate	7.696	41	393881	100.706	ug/l	95
49) 1,4-Dioxane	7.665	88	173332	1929.210	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	2672275	494.943	ug/l	98
52) Toluene	8.720	92	712073	97.133	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	472041	111.037	ug/l #	60
54) cis-1,3-Dichloropropene	8.366	75	483323	103.936	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	304677	97.974	ug/l	98
56) Ethyl methacrylate	9.116	69	521122	105.606	ug/l	96
57) 1,3-Dichloropropane	9.311	76	510113	98.941	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	1332192	528.662	ug/l	96
59) 2-Hexanone	9.433	43	2180968	514.216	ug/l	97
60) Dibromochloromethane	9.525	129	309022	107.109	ug/l	97
61) 1,2-Dibromoethane	9.610	107	323249	99.305	ug/l	97
64) Tetrachloroethene	9.275	164	292948	86.669	ug/l	97
65) Chlorobenzene	10.079	112	767989	91.052	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	279424	96.900	ug/l	99
67) Ethyl Benzene	10.195	91	2388160	144.350	ug/l #	81
68) m/p-Xylenes	10.305	106	1171350	205.448	ug/l	100
69) o-Xylene	10.646	106	535371	95.302	ug/l	94
70) Styrene	10.659	104	920076	99.780	ug/l	97
71) Bromoform	10.799	173	233699	110.570	ug/l #	99
73) Isopropylbenzene	10.963	105	1412234	92.864	ug/l	99
74) N-amyl acetate	10.848	43	755810	102.580	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	496882	89.597	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	485552m	88.737	ug/l	
77) Bromobenzene	11.201	156	325901	91.317	ug/l	92
78) n-propylbenzene	11.305	91	1730400	95.708	ug/l	99
79) 2-Chlorotoluene	11.366	91	1314631	114.986	ug/l	85
80) 1,3,5-Trimethylbenzene	11.451	105	1206918	95.112	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	188203	110.355	ug/l	99
82) 4-Chlorotoluene	11.457	91	1179751	94.652	ug/l	98
83) tert-Butylbenzene	11.719	119	1114448	94.597	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	1207107	94.989	ug/l	98
85) sec-Butylbenzene	11.890	105	1678554	103.809	ug/l	97
86) p-Isopropyltoluene	12.012	119	1328259	102.783	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	639412	92.415	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	622181	89.460	ug/l	99
89) n-Butylbenzene	12.335	91	1253782	104.458	ug/l	99
90) Hexachloroethane	12.542	117	227508	102.234	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	603485	88.736	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	125270	92.301	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	381163	96.759	ug/l	96
94) Hexachlorobutadiene	13.725	225	155542	99.280	ug/l	99
95) Naphthalene	13.780	128	1493984	96.255	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	389435	95.658	ug/l	98

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

