

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032922\
 Data File : VX027780.D
 Acq On : 29 Mar 2022 17:34
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 29 18:03:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 17:59:33 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/30/2022
 Supervised By : Mahesh Dadoda 03/30/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	79411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	124346	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54922	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99661	77.744	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 155.480%#			
35) Dibromofluoromethane	5.391	113	87587	105.128	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 210.260%#			
50) Toluene-d8	8.653	98	302056	95.462	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 190.920%#			
62) 4-Bromofluorobenzene	11.085	95	129911	100.038	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 200.080%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	74900	84.087	ug/l	100
3) Chloromethane	1.294	50	59479	65.286	ug/l	100
4) Vinyl Chloride	1.374	62	64388	73.270	ug/l	100
5) Bromomethane	1.599	94	25537	70.996	ug/l	97
6) Chloroethane	1.672	64	39017	68.462	ug/l	98
7) Trichlorofluoromethane	1.880	101	107612	80.541	ug/l	98
8) Diethyl Ether	2.136	74	38591	80.217	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	70901	79.389	ug/l	97
10) Methyl Iodide	2.453	142	88712	100.547	ug/l	91
11) Tert butyl alcohol	2.977	59	82969	353.837	ug/l	99
12) 1,1-Dichloroethene	2.319	96	63456	77.298	ug/l	98
13) Acrolein	2.239	56	71365	421.178	ug/l	96
14) Allyl chloride	2.666	41	122714	79.978	ug/l	# 91
15) Acrylonitrile	3.068	53	208738	362.880	ug/l	100
16) Acetone	2.386	43	200018	365.618	ug/l	91
17) Carbon Disulfide	2.508	76	128715	60.403	ug/l	99
18) Methyl Acetate	2.703	43	100976	74.416	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	239409	79.012	ug/l	100
20) Methylene Chloride	2.788	84	75207	78.501	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	66336	72.449	ug/l	97
22) Diisopropyl ether	3.763	45	252813	82.599	ug/l	88
23) Vinyl Acetate	3.727	43	1134053	425.967	ug/l	# 92
24) 1,1-Dichloroethane	3.611	63	135849	78.653	ug/l	97
25) 2-Butanone	4.562	43	300760	353.615	ug/l	96
26) 2,2-Dichloropropane	4.477	77	105856	78.608	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	85233	82.911	ug/l	98
28) Bromochloromethane	4.904	49	63013	90.403	ug/l	94
29) Tetrahydrofuran	5.001	42	200650	392.615	ug/l	88
30) Chloroform	5.099	83	155589	87.472	ug/l	98
31) Cyclohexane	5.470	56	99679	66.027	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	134402	84.968	ug/l	99
36) 1,1-Dichloropropene	5.696	75	95298	75.185	ug/l	99
37) Ethyl Acetate	4.721	43	125145	86.147	ug/l	95
38) Carbon Tetrachloride	5.678	117	109789	86.952	ug/l	99
39) Methylcyclohexane	7.385	83	112181	77.692	ug/l	89
40) Benzene	6.044	78	296422	84.278	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	69665	91.280	ug/l	90
42) 1,2-Dichloroethane	6.092	62	112292	75.437	ug/l	97
43) Isopropyl Acetate	6.342	43	198342	87.977	ug/l	94
44) Trichloroethene	7.129	130	78112	84.620	ug/l	82
45) 1,2-Dichloropropane	7.434	63	80757	86.954	ug/l	99
46) Dibromomethane	7.580	93	60489	90.673	ug/l	90
47) Bromodichloromethane	7.824	83	122971	94.004	ug/l	99
48) Methyl methacrylate	7.696	41	106891	96.175	ug/l #	80
49) 1,4-Dioxane	7.665	88	37632	1571.279	ug/l #	89
51) 4-Methyl-2-Pentanone	8.580	43	673955	435.905	ug/l	88
52) Toluene	8.720	92	189573	85.872	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	131820	101.703	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	135971	94.817	ug/l #	80
55) 1,1,2-Trichloroethane	9.153	97	82245	90.663	ug/l	94
56) Ethyl methacrylate	9.116	69	140014	95.147	ug/l #	75
57) 1,3-Dichloropropane	9.311	76	139897	86.241	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	365307	486.671	ug/l	96
59) 2-Hexanone	9.433	43	522545	431.674	ug/l	83
60) Dibromochloromethane	9.525	129	91392	103.060	ug/l	97
61) 1,2-Dibromoethane	9.610	107	88173	90.984	ug/l	98
64) Tetrachloroethene	9.275	164	69758	81.402	ug/l #	90
65) Chlorobenzene	10.079	112	207613	86.566	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	82367	98.260	ug/l	99
67) Ethyl Benzene	10.195	91	387636	87.201	ug/l	98
68) m/p-Xylenes	10.305	106	283559	175.758	ug/l	88
69) o-Xylene	10.646	106	141337	86.963	ug/l	88
70) Styrene	10.659	104	242745	93.755	ug/l	93
71) Bromoform	10.799	173	64703	106.320	ug/l #	99
73) Isopropylbenzene	10.963	105	381351	85.498	ug/l	99
74) N-amyl acetate	10.841	43	188620	88.340	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	133218	84.485	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	126824m	84.095	ug/l	
77) Bromobenzene	11.201	156	89975	89.670	ug/l	86
78) n-propylbenzene	11.305	91	460588	87.113	ug/l	99
79) 2-Chlorotoluene	11.366	91	279682	83.635	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	333822	86.837	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	42348	95.454	ug/l #	80
82) 4-Chlorotoluene	11.457	91	328739	85.351	ug/l	96
83) tert-Butylbenzene	11.719	119	323793	91.134	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	333474	85.549	ug/l	97
85) sec-Butylbenzene	11.890	105	405541	87.544	ug/l	99
86) p-Isopropyltoluene	12.012	119	344453	94.019	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	171488	91.708	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	172708	89.069	ug/l	96
89) n-Butylbenzene	12.335	91	313806	90.711	ug/l	97
90) Hexachloroethane	12.542	117	57638	98.512	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	167382	92.356	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	35023	90.182	ug/l	73
93) 1,2,4-Trichlorobenzene	13.591	180	106369	100.619	ug/l	97
94) Hexachlorobutadiene	13.725	225	46193	90.022	ug/l	96
95) Naphthalene	13.780	128	379655	97.344	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	105482	98.981	ug/l	95

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

