

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040522\
 Data File : VX027980.D
 Acq On : 05 Apr 2022 14:35
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/06/2022
 Supervised By : Mahesh Dadoda 04/06/2022

Quant Time: Apr 05 15:02:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 05 14:58:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	82638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	129668	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	44272	43.146	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.300%		
35) Dibromofluoromethane	5.385	113	39909	47.991	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.980%		
50) Toluene-d8	8.653	98	146695	49.874	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.740%		
62) 4-Bromofluorobenzene	11.079	95	58367	47.455	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	42529	56.908	ug/l	97
3) Chloromethane	1.288	50	35710	53.552	ug/l	99
4) Vinyl Chloride	1.374	62	38459	56.017	ug/l	100
5) Bromomethane	1.599	94	15943	51.258	ug/l	96
6) Chloroethane	1.679	64	22093	48.430	ug/l	98
7) Trichlorofluoromethane	1.886	101	62191	52.238	ug/l	98
8) Diethyl Ether	2.136	74	20415	48.490	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	37952	49.446	ug/l	97
10) Methyl Iodide	2.453	142	51068	55.992	ug/l	97
11) Tert butyl alcohol	2.965	59	44597	226.605	ug/l	100
12) 1,1-Dichloroethene	2.319	96	37029	51.593	ug/l	92
13) Acrolein	2.233	56	37629	248.969	ug/l	96
14) Allyl chloride	2.666	41	55410	43.675	ug/l	96
15) Acrylonitrile	3.062	53	104505	225.055	ug/l	99
16) Acetone	2.380	43	88155	195.969	ug/l	96
17) Carbon Disulfide	2.514	76	95203	61.869	ug/l	99
18) Methyl Acetate	2.703	43	46358	41.377	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	117798	44.898	ug/l	99
20) Methylene Chloride	2.788	84	40172	47.704	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	38933	50.289	ug/l	98
22) Diisopropyl ether	3.764	45	109955	42.787	ug/l	93
23) Vinyl Acetate	3.721	43	494936	222.217	ug/l	96
24) 1,1-Dichloroethane	3.611	63	66487	45.570	ug/l	98
25) 2-Butanone	4.556	43	148856	219.597	ug/l	99
26) 2,2-Dichloropropane	4.477	77	53244	45.823	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	46756	50.447	ug/l	95
28) Bromochloromethane	4.904	49	27651	44.246	ug/l	92
29) Tetrahydrofuran	5.007	42	97941	224.410	ug/l	93
30) Chloroform	5.099	83	74458	46.060	ug/l	99
31) Cyclohexane	5.471	56	62417	52.177	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	68026	48.318	ug/l	99
36) 1,1-Dichloropropene	5.696	75	54954	51.962	ug/l	98
37) Ethyl Acetate	4.715	43	56626	43.816	ug/l	99
38) Carbon Tetrachloride	5.684	117	62089	53.222	ug/l	97
39) Methylcyclohexane	7.385	83	68346	54.390	ug/l	96
40) Benzene	6.044	78	162142	51.131	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	30860	45.201	ug/l	95
42) 1,2-Dichloroethane	6.092	62	56758	46.272	ug/l	98
43) Isopropyl Acetate	6.342	43	87922	44.370	ug/l	96
44) Trichloroethene	7.129	130	47472	53.985	ug/l	97
45) 1,2-Dichloropropane	7.434	63	38565	46.253	ug/l	98
46) Dibromomethane	7.586	93	31233	49.114	ug/l	98
47) Bromodichloromethane	7.824	83	58659	46.786	ug/l	99
48) Methyl methacrylate	7.696	41	44238	42.437	ug/l	90
49) 1,4-Dioxane	7.659	88	22908	1064.541	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	294956	213.366	ug/l	94
52) Toluene	8.720	92	106826	53.030	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	60492	48.161	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	66172	49.683	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	44062	49.826	ug/l	99
56) Ethyl methacrylate	9.116	69	65850	47.935	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	69694	47.479	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	158198	232.390	ug/l	97
59) 2-Hexanone	9.433	43	231531	217.140	ug/l	92
60) Dibromochloromethane	9.525	129	48448	52.612	ug/l	96
61) 1,2-Dibromoethane	9.610	107	47521	51.323	ug/l	98
64) Tetrachloroethene	9.275	164	44993	54.155	ug/l	95
65) Chlorobenzene	10.079	112	118549	49.900	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	43696	49.469	ug/l	99
67) Ethyl Benzene	10.195	91	210217	49.227	ug/l	96
68) m/p-Xylenes	10.305	106	165923	104.349	ug/l	98
69) o-Xylene	10.646	106	79671	51.592	ug/l	96
70) Styrene	10.659	104	137885	52.336	ug/l	98
71) Bromoform	10.799	173	36751	57.076	ug/l #	99
73) Isopropylbenzene	10.963	105	211824	46.687	ug/l	100
74) N-amyl acetate	10.848	43	76128	38.905	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	68198	44.765	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	62561m	44.607	ug/l	
77) Bromobenzene	11.201	156	54080	51.514	ug/l	96
78) n-propylbenzene	11.305	91	247396	45.750	ug/l	98
79) 2-Chlorotoluene	11.366	91	148392	43.849	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	184635	46.893	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	20221	47.132	ug/l	90
82) 4-Chlorotoluene	11.457	91	174169	44.858	ug/l	99
83) tert-Butylbenzene	11.719	119	180957	47.322	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	185920	47.319	ug/l	100
85) sec-Butylbenzene	11.890	105	224565	47.752	ug/l	99
86) p-Isopropyltoluene	12.012	119	195141	49.629	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	101796	49.243	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	102722	48.272	ug/l	97
89) n-Butylbenzene	12.335	91	165844	47.364	ug/l	97
90) Hexachloroethane	12.542	117	30754	48.647	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	99331	48.722	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16201	44.530	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	65835	52.068	ug/l	98
94) Hexachlorobutadiene	13.725	225	29667	50.321	ug/l	94
95) Naphthalene	13.780	128	220258	50.729	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	64459	52.433	ug/l	95

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

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