

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012022\
 Data File : VX026522.D
 Acq On : 20 Jan 2022 10:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/21/2022
 Supervised By : Mahesh Dadoda 01/21/2022

Quant Time: Jan 21 04:00:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	107699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	172872	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70956	47.163	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.320%		
35) Dibromofluoromethane	5.385	113	55552	49.762	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.520%		
50) Toluene-d8	8.653	98	201826	50.170	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.340%		
62) 4-Bromofluorobenzene	11.079	95	72644	50.833	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	57174	44.957	ug/l	99
3) Chloromethane	1.294	50	54643	46.870	ug/l	99
4) Vinyl Chloride	1.380	62	58379	47.694	ug/l	100
5) Bromomethane	1.617	94	24917	44.128	ug/l	99
6) Chloroethane	1.690	64	31429	50.777	ug/l	99
7) Trichlorofluoromethane	1.892	101	90110	46.628	ug/l	98
8) Diethyl Ether	2.136	74	32762	47.909	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	58380	49.572	ug/l	99
10) Methyl Iodide	2.459	142	72954	56.873	ug/l	99
11) Tert butyl alcohol	2.989	59	53084m	253.640	ug/l	
12) 1,1-Dichloroethene	2.324	96	54212	48.198	ug/l	96
13) Acrolein	2.239	56	43177	194.149	ug/l	100
14) Allyl chloride	2.666	41	102097	49.359	ug/l	98
15) Acrylonitrile	3.068	53	159887	248.175	ug/l	100
16) Acetone	2.385	43	182755	238.203	ug/l	98
17) Carbon Disulfide	2.513	76	148380	45.184	ug/l	99
18) Methyl Acetate	2.709	43	74620	48.922	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	194546	47.669	ug/l	99
20) Methylene Chloride	2.794	84	60170	47.467	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	59115	48.549	ug/l	98
22) Diisopropyl ether	3.763	45	205576	48.928	ug/l	95
23) Vinyl Acetate	3.721	43	859811	248.602	ug/l	99
24) 1,1-Dichloroethane	3.611	63	110975	48.906	ug/l	100
25) 2-Butanone	4.562	43	253748	254.320	ug/l	100
26) 2,2-Dichloropropane	4.477	77	81912	48.700	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	68427	49.239	ug/l	99
28) Bromochloromethane	4.903	49	44253	47.495	ug/l	100
29) Tetrahydrofuran	5.007	42	148733	250.991	ug/l	100
30) Chloroform	5.098	83	116559	49.438	ug/l	98
31) Cyclohexane	5.470	56	105194	47.405	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	102325	49.341	ug/l	99
36) 1,1-Dichloropropene	5.696	75	87603	49.709	ug/l	100
37) Ethyl Acetate	4.714	43	91424	51.283	ug/l	100
38) Carbon Tetrachloride	5.678	117	90818	50.099	ug/l	95
39) Methylcyclohexane	7.378	83	107278	50.467	ug/l	99
40) Benzene	6.037	78	243163	49.920	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	52494	51.981	ug/l	98
42) 1,2-Dichloroethane	6.086	62	92891	48.741	ug/l	99
43) Isopropyl Acetate	6.342	43	145097	50.386	ug/l	99
44) Trichloroethene	7.128	130	70190	50.781	ug/l	96
45) 1,2-Dichloropropane	7.433	63	62382	51.306	ug/l	96
46) Dibromomethane	7.580	93	42799	49.934	ug/l	97
47) Bromodichloromethane	7.824	83	88551	51.132	ug/l	100
48) Methyl methacrylate	7.695	41	72957	51.122	ug/l	99
49) 1,4-Dioxane	7.683	88	23450	1001.274	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	440125	257.676	ug/l	99
52) Toluene	8.720	92	152344	51.001	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	87928	47.590	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	98459	52.933	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	59489	51.034	ug/l	98
56) Ethyl methacrylate	9.116	69	93270	52.211	ug/l	99
57) 1,3-Dichloropropane	9.311	76	103454	51.191	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	241182	257.473	ug/l	100
59) 2-Hexanone	9.433	43	347322	265.678	ug/l	99
60) Dibromochloromethane	9.524	129	64271	52.910	ug/l	100
61) 1,2-Dibromoethane	9.610	107	62395	51.368	ug/l	99
64) Tetrachloroethene	9.274	164	72840	51.992	ug/l	97
65) Chlorobenzene	10.079	112	156588	50.138	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	59412	51.198	ug/l	99
67) Ethyl Benzene	10.195	91	287006	50.570	ug/l	99
68) m/p-Xylenes	10.305	106	217625	102.465	ug/l	99
69) o-Xylene	10.640	106	104303	50.894	ug/l	99
70) Styrene	10.658	104	174042	52.044	ug/l	99
71) Bromoform	10.799	173	43451	48.968	ug/l #	98
73) Isopropylbenzene	10.963	105	278311	48.393	ug/l	100
74) N-amyl acetate	10.847	43	109758	49.436	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	74464	48.239	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	76121m	49.276	ug/l	
77) Bromobenzene	11.201	156	63343	48.078	ug/l	99
78) n-propylbenzene	11.305	91	325273	49.598	ug/l	100
79) 2-Chlorotoluene	11.366	91	192090	48.301	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	233610	49.271	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23459	48.111	ug/l	96
82) 4-Chlorotoluene	11.457	91	220512	48.245	ug/l	99
83) tert-Butylbenzene	11.719	119	219213	49.528	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	233376	49.212	ug/l	99
85) sec-Butylbenzene	11.890	105	287640	50.242	ug/l	99
86) p-Isopropyltoluene	12.012	119	243892	50.777	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	120871	48.944	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	121409	48.571	ug/l	99
89) n-Butylbenzene	12.335	91	213906	51.895	ug/l	100
90) Hexachloroethane	12.542	117	37422	46.831	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	116634	49.977	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18626	49.925	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	76653	51.231	ug/l	99
94) Hexachlorobutadiene	13.725	225	32002	50.667	ug/l	100
95) Naphthalene	13.780	128	261751	52.448	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	75493	51.305	ug/l	99

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

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