

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071222\
 Data File : VX030015.D
 Acq On : 12 Jul 2022 13:06
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

Quant Time: Jul 12 13:31:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 13:28:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	196911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	344078	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	304328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	122603	49.188	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.380%		
35) Dibromofluoromethane	5.397	113	111606	51.902	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.800%		
50) Toluene-d8	8.653	98	428954	53.175	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.360%		
62) 4-Bromofluorobenzene	11.085	95	150650	52.832	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	124088	64.621	ug/l	100
3) Chloromethane	1.288	50	117547	53.129	ug/l	98
4) Vinyl Chloride	1.374	62	126705	57.581	ug/l	98
5) Bromomethane	1.605	94	46748	38.558	ug/l	99
6) Chloroethane	1.678	64	70112	54.523	ug/l	94
7) Trichlorofluoromethane	1.886	101	163461	57.869	ug/l	100
8) Diethyl Ether	2.136	74	65643	51.844	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	107856	54.616	ug/l	97
10) Methyl Iodide	2.453	142	106259	44.385	ug/l	99
11) Tert butyl alcohol	2.983	59	152447	233.862	ug/l	98
12) 1,1-Dichloroethene	2.319	96	110976	54.725	ug/l	95
13) Acrolein	2.239	56	30144	92.566	ug/l	100
14) Allyl chloride	2.666	41	191933	51.284	ug/l	98
15) Acrylonitrile	3.068	53	380337	249.923	ug/l	99
16) Acetone	2.386	43	293723	240.868	ug/l	99
17) Carbon Disulfide	2.514	76	308392	61.159	ug/l	98
18) Methyl Acetate	2.709	43	175038	46.559	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	346610	50.625	ug/l	98
20) Methylene Chloride	2.788	84	126832	49.248	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	116363	52.316	ug/l	97
22) Diisopropyl ether	3.770	45	371288	49.093	ug/l #	87
23) Vinyl Acetate	3.727	43	1653727	252.823	ug/l	99
24) 1,1-Dichloroethane	3.611	63	204190	51.195	ug/l	99
25) 2-Butanone	4.568	43	516850	244.197	ug/l	99
26) 2,2-Dichloropropane	4.483	77	143572	54.845	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	139205	53.008	ug/l	96
28) Bromochloromethane	4.903	49	86138	53.884	ug/l	97
29) Tetrahydrofuran	5.013	42	351913	252.655	ug/l	99
30) Chloroform	5.099	83	203654	52.071	ug/l	100
31) Cyclohexane	5.470	56	190918	54.935	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	169548	54.440	ug/l	99
36) 1,1-Dichloropropene	5.690	75	151564	52.996	ug/l	98
37) Ethyl Acetate	4.721	43	195672	50.025	ug/l	99
38) Carbon Tetrachloride	5.684	117	142768	57.611	ug/l	96
39) Methylcyclohexane	7.385	83	202872	58.668	ug/l	99
40) Benzene	6.044	78	488137	52.785	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	108042	51.960	ug/l	99
42) 1,2-Dichloroethane	6.092	62	148023	52.154	ug/l	99
43) Isopropyl Acetate	6.348	43	296492	50.337	ug/l	99
44) Trichloroethene	7.129	130	135637	54.462	ug/l	96
45) 1,2-Dichloropropane	7.434	63	124543	50.980	ug/l	97
46) Dibromomethane	7.586	93	86807	54.318	ug/l	98
47) Bromodichloromethane	7.824	83	155130	54.155	ug/l	96
48) Methyl methacrylate	7.696	41	142282	50.948	ug/l	99
49) 1,4-Dioxane	7.671	88	72077	1089.936	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	984892	253.579	ug/l	99
52) Toluene	8.720	92	304528	54.572	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	168641	55.246	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	190027	55.088	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	125902	51.786	ug/l	98
56) Ethyl methacrylate	9.122	69	199549	52.058	ug/l	99
57) 1,3-Dichloropropane	9.311	76	202242	51.706	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	541758	296.191	ug/l	97
59) 2-Hexanone	9.433	43	771338	255.905	ug/l	99
60) Dibromochloromethane	9.525	129	124273	57.853	ug/l	99
61) 1,2-Dibromoethane	9.610	107	132000	53.130	ug/l	98
64) Tetrachloroethene	9.275	164	130425	71.052	ug/l	97
65) Chlorobenzene	10.079	112	321869	52.688	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	111238	54.497	ug/l	99
67) Ethyl Benzene	10.195	91	568791	53.530	ug/l	100
68) m/p-Xylenes	10.305	106	443121	108.734	ug/l	98
69) o-Xylene	10.646	106	221209	53.590	ug/l	98
70) Styrene	10.659	104	366031	53.645	ug/l	99
71) Bromoform	10.805	173	89544	61.502	ug/l #	99
73) Isopropylbenzene	10.963	105	556146	52.367	ug/l	98
74) N-amyl acetate	10.848	43	253645	48.239	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	189750	45.384	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	175910m	50.068	ug/l	
77) Bromobenzene	11.201	156	133546	52.281	ug/l	97
78) n-propylbenzene	11.305	91	663116	52.942	ug/l	99
79) 2-Chlorotoluene	11.366	91	383284	51.470	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	463735	52.599	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	63474	57.373	ug/l	98
82) 4-Chlorotoluene	11.457	91	433144	51.054	ug/l	98
83) tert-Butylbenzene	11.719	119	439897	50.346	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	468539	53.052	ug/l	100
85) sec-Butylbenzene	11.890	105	595213	54.059	ug/l	100
86) p-Isopropyltoluene	12.012	119	483929	55.067	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	254022	51.795	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	253857	50.728	ug/l	98
89) n-Butylbenzene	12.335	91	448612	54.307	ug/l	99
90) Hexachloroethane	12.542	117	82704	57.692	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	247723	51.415	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	46116	52.784	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	158757	54.373	ug/l	98
94) Hexachlorobutadiene	13.725	225	61534	56.971	ug/l	99
95) Naphthalene	13.780	128	627849	52.964	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	163408	54.667	ug/l	99

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

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