

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072522\
 Data File : VX030191.D
 Acq On : 25 Jul 2022 13:45
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Jul 25 16:13:48 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

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	151016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	258592	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	272342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	154245	49.594	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.180%		
35) Dibromofluoromethane	5.391	113	126033	50.278	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.560%		
50) Toluene-d8	8.652	98	497640	51.655	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.320%		
62) 4-Bromofluorobenzene	11.085	95	187610	52.764	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	132025	51.514	ug/l	99
3) Chloromethane	1.288	50	122115	49.822	ug/l	98
4) Vinyl Chloride	1.373	62	122849	49.662	ug/l	100
5) Bromomethane	1.599	94	45523	38.776	ug/l	99
6) Chloroethane	1.678	64	69021	49.141	ug/l	95
7) Trichlorofluoromethane	1.879	101	162470	50.152	ug/l	96
8) Diethyl Ether	2.135	74	62299	49.142	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.324	101	116495	48.546	ug/l	99
10) Methyl Iodide	2.446	142	128993	59.853	ug/l	97
11) Tert butyl alcohol	2.977	59	184627	251.475	ug/l	96
12) 1,1-Dichloroethene	2.318	96	117469	50.018	ug/l	97
13) Acrolein	2.239	56	41535	214.418	ug/l	97
14) Allyl chloride	2.666	41	234487	48.377	ug/l	97
15) Acrylonitrile	3.068	53	465856	254.567	ug/l	99
16) Acetone	2.385	43	382064	245.445	ug/l	97
17) Carbon Disulfide	2.507	76	311623	49.223	ug/l	98
18) Methyl Acetate	2.708	43	218408	47.910	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	415683	51.569	ug/l	95
20) Methylene Chloride	2.788	84	142809	39.789	ug/l	97
21) trans-1,2-Dichloroethene	3.092	96	128896	50.012	ug/l	99
22) Diisopropyl ether	3.769	45	478146	52.105	ug/l	88
23) Vinyl Acetate	3.727	43	2130108	266.824	ug/l	98
24) 1,1-Dichloroethane	3.611	63	241279	49.507	ug/l	99
25) 2-Butanone	4.568	43	666629	255.620	ug/l	96
26) 2,2-Dichloropropane	4.476	77	166767	48.108	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	151105	49.548	ug/l	94
28) Bromochloromethane	4.903	49	99464	47.231	ug/l	95
29) Tetrahydrofuran	5.013	42	444364	253.810	ug/l	96
30) Chloroform	5.098	83	241820	50.199	ug/l	98
31) Cyclohexane	5.470	56	221219	50.473	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	199138	50.812	ug/l	99
36) 1,1-Dichloropropene	5.696	75	178150	50.369	ug/l	97
37) Ethyl Acetate	4.720	43	248732	50.020	ug/l	97
38) Carbon Tetrachloride	5.683	117	167014	50.670	ug/l	98
39) Methylcyclohexane	7.384	83	220907	49.287	ug/l	95
40) Benzene	6.043	78	563239	50.939	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	137561	51.356	ug/l	96
42) 1,2-Dichloroethane	6.092	62	193124	50.432	ug/l	97
43) Isopropyl Acetate	6.348	43	375546	51.412	ug/l	98
44) Trichloroethene	7.128	130	145596	48.122	ug/l	95
45) 1,2-Dichloropropane	7.433	63	147359	49.880	ug/l	99
46) Dibromomethane	7.586	93	98601	49.213	ug/l	98
47) Bromodichloromethane	7.829	83	185253	50.701	ug/l	97
48) Methyl methacrylate	7.695	41	185997	51.647	ug/l	96
49) 1,4-Dioxane	7.665	88	81077	980.057	ug/l	95
51) 4-Methyl-2-Pentanone	8.579	43	1280384	257.553	ug/l	98
52) Toluene	8.720	92	349044	51.710	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	204933	52.354	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	220990	51.612	ug/l	94
55) 1,1,2-Trichloroethane	9.158	97	145849	50.936	ug/l	99
56) Ethyl methacrylate	9.122	69	241103	53.065	ug/l	95
57) 1,3-Dichloropropane	9.311	76	238092	50.154	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	625677	269.659	ug/l	98
59) 2-Hexanone	9.433	43	1027336	263.064	ug/l	97
60) Dibromochloromethane	9.524	129	140267	52.801	ug/l	99
61) 1,2-Dibromoethane	9.616	107	152586	50.910	ug/l	98
64) Tetrachloroethene	9.274	164	143385	48.936	ug/l	98
65) Chlorobenzene	10.079	112	366192	50.084	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	129852	51.947	ug/l	98
67) Ethyl Benzene	10.195	91	670555	46.757	ug/l	98
68) m/p-Xylenes	10.305	106	517353	104.679	ug/l	96
69) o-Xylene	10.646	106	254061	52.173	ug/l	95
70) Styrene	10.658	104	431430	53.974	ug/l	97
71) Bromoform	10.805	173	99947	54.552	ug/l	98
73) Isopropylbenzene	10.963	105	657851	49.353	ug/l	99
74) N-amyl acetate	10.847	43	335530	51.955	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	234400	48.222	ug/l	99
76) 1,2,3-Trichloropropane	11.243	75	217715m	45.395	ug/l	
77) Bromobenzene	11.201	156	154363	49.346	ug/l	94
78) n-propylbenzene	11.310	91	803636	50.712	ug/l	98
79) 2-Chlorotoluene	11.365	91	476716	47.572	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	561337	50.469	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	78634	52.604	ug/l	97
82) 4-Chlorotoluene	11.457	91	545248	49.909	ug/l	98
83) tert-Butylbenzene	11.719	119	516804	50.048	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	572075	51.360	ug/l	97
85) sec-Butylbenzene	11.896	105	720917	50.866	ug/l	98
86) p-Isopropyltoluene	12.012	119	575133	50.775	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	294685	48.592	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	296780	48.685	ug/l	99
89) n-Butylbenzene	12.335	91	543675	51.678	ug/l	99
90) Hexachloroethane	12.542	117	97010	49.735	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	293551	49.245	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	56628	47.603	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	171546	49.683	ug/l	99
94) Hexachlorobutadiene	13.725	225	67199	48.935	ug/l	99
95) Naphthalene	13.780	128	702430	51.633	ug/l	100
96) 1,2,3-Trichlorobenzene	13.962	180	176591	49.488	ug/l	100

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

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