

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030722\
 Data File : VX027322.D
 Acq On : 07 Mar 2022 13:22
 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 03/08/2022
 Supervised By : Mahesh Dadoda 03/08/2022

Quant Time: Mar 07 14:04:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 07 14:02:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	66731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	103502	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	96378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	40272	49.897	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.800%		
35) Dibromofluoromethane	5.391	113	33467	51.461	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.920%		
50) Toluene-d8	8.653	98	120552	49.986	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.980%		
62) 4-Bromofluorobenzene	11.085	95	47354	51.044	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	35787	53.099	ug/l	99
3) Chloromethane	1.295	50	26888	44.416	ug/l	98
4) Vinyl Chloride	1.374	62	26006	43.414	ug/l	97
5) Bromomethane	1.599	94	12980	45.805	ug/l	92
6) Chloroethane	1.685	64	15516	42.099	ug/l	100
7) Trichlorofluoromethane	1.886	101	45919	48.217	ug/l	98
8) Diethyl Ether	2.136	74	13979	43.238	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	30673	46.580	ug/l	94
10) Methyl Iodide	2.453	142	40734	46.688	ug/l	97
11) Tert butyl alcohol	2.971	59	38126	245.295	ug/l	96
12) 1,1-Dichloroethene	2.319	96	29551	46.293	ug/l	90
13) Acrolein	2.239	56	28817	206.904	ug/l	99
14) Allyl chloride	2.666	41	49436	44.399	ug/l	96
15) Acrylonitrile	3.069	53	91764	234.018	ug/l	99
16) Acetone	2.386	43	80155	230.248	ug/l	95
17) Carbon Disulfide	2.514	76	78387	47.030	ug/l	100
18) Methyl Acetate	2.709	43	40547	45.653	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	101956	46.667	ug/l	98
20) Methylene Chloride	2.794	84	33153	46.153	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	32523	47.601	ug/l	91
22) Diisopropyl ether	3.770	45	94514	43.720	ug/l	95
23) Vinyl Acetate	3.727	43	421669	230.318	ug/l	95
24) 1,1-Dichloroethane	3.617	63	56931	46.030	ug/l	99
25) 2-Butanone	4.562	43	127309	231.701	ug/l	94
26) 2,2-Dichloropropane	4.483	77	45480	50.079	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	37181	47.084	ug/l	93
28) Bromochloromethane	4.904	49	23106	46.351	ug/l #	82
29) Tetrahydrofuran	5.013	42	82032	224.016	ug/l	91
30) Chloroform	5.105	83	61386	47.495	ug/l	97
31) Cyclohexane	5.477	56	50283	43.395	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	54858	48.968	ug/l	98
36) 1,1-Dichloropropene	5.696	75	45077	48.627	ug/l	97
37) Ethyl Acetate	4.721	43	47556	46.901	ug/l	97
38) Carbon Tetrachloride	5.684	117	50321	51.571	ug/l	98
39) Methylcyclohexane	7.385	83	54856	47.725	ug/l	95
40) Benzene	6.044	78	129743	47.958	ug/l	98

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41) Methacrylonitrile	4.928	41	26705	48.004	ug/l	95
42) 1,2-Dichloroethane	6.092	62	49220	50.718	ug/l	98
43) Isopropyl Acetate	6.348	43	74364	47.834	ug/l	96
44) Trichloroethene	7.129	130	39261	48.437	ug/l	93
45) 1,2-Dichloropropane	7.434	63	32162	48.776	ug/l	96
46) Dibromomethane	7.586	93	24116	50.501	ug/l	92
47) Bromodichloromethane	7.824	83	47144	50.399	ug/l	98
48) Methyl methacrylate	7.696	41	37365	49.505	ug/l	93
49) 1,4-Dioxane	7.665	88	19167	1094.050	ug/l #	90
51) 4-Methyl-2-Pentanone	8.580	43	246696	243.225	ug/l	96
52) Toluene	8.720	92	85886	49.345	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	48648	53.060	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	53578	51.575	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	34653	50.207	ug/l	98
56) Ethyl methacrylate	9.116	69	53882	50.436	ug/l	92
57) 1,3-Dichloropropane	9.311	76	57197	50.004	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	129303	250.547	ug/l	94
59) 2-Hexanone	9.433	43	193604	249.059	ug/l	95
60) Dibromochloromethane	9.525	129	39448	54.488	ug/l	98
61) 1,2-Dibromoethane	9.610	107	37182	50.655	ug/l	98
64) Tetrachloroethene	9.275	164	38920	45.676	ug/l	95
65) Chlorobenzene	10.080	112	95198	48.908	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	36021	50.789	ug/l	99
67) Ethyl Benzene	10.195	91	166828	48.929	ug/l	99
68) m/p-Xylenes	10.305	106	133266	101.354	ug/l	95
69) o-Xylene	10.646	106	64734	49.150	ug/l	96
70) Styrene	10.659	104	108082	50.268	ug/l	98
71) Bromoform	10.799	173	29564	54.602	ug/l #	99
73) Isopropylbenzene	10.964	105	170029	47.292	ug/l	98
74) N-amyl acetate	10.842	43	67014	49.146	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	50634	47.398	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	49085m	48.314	ug/l	
77) Bromobenzene	11.201	156	43357	48.149	ug/l	90
78) n-propylbenzene	11.305	91	194320	47.584	ug/l	99
79) 2-Chlorotoluene	11.366	91	117138	46.799	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	144923	47.953	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	15147	47.904	ug/l	91
82) 4-Chlorotoluene	11.457	91	135448	47.323	ug/l	97
83) tert-Butylbenzene	11.719	119	143926	48.714	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	157138	51.517	ug/l	100
85) sec-Butylbenzene	11.890	105	177839	48.243	ug/l	97
86) p-Isopropyltoluene	12.012	119	155991	49.425	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	80569	47.648	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	83014	47.805	ug/l	97
89) n-Butylbenzene	12.335	91	125761	48.049	ug/l	99
90) Hexachloroethane	12.542	117	24688	50.485	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	78392	47.500	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12638	50.833	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	51810	49.586	ug/l	99
94) Hexachlorobutadiene	13.725	225	20893	48.303	ug/l	99
95) Naphthalene	13.780	128	178225	50.367	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	52133	49.754	ug/l	99

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

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