

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080122\
 Data File : VX030312.D
 Acq On : 01 Aug 2022 10:48
 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 08/02/2022
 Supervised By : Mahesh Dadoda 08/02/2022

Quant Time: Aug 02 01:48:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	147081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	251283	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	144670	48.937	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.880%		
35) Dibromofluoromethane	5.385	113	118568	49.359	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.720%		
50) Toluene-d8	8.653	98	437148	46.992	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.980%		
62) 4-Bromofluorobenzene	11.079	95	172673	50.015	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	122812	50.886	ug/l	97
3) Chloromethane	1.288	50	98302	41.189	ug/l	98
4) Vinyl Chloride	1.374	62	109367	45.403	ug/l	99
5) Bromomethane	1.599	94	37674	43.888	ug/l	99
6) Chloroethane	1.678	64	72532	52.442	ug/l	96
7) Trichlorofluoromethane	1.880	101	160787	50.664	ug/l	95
8) Diethyl Ether	2.136	74	62243	50.084	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	118588	50.450	ug/l	98
10) Methyl Iodide	2.447	142	47261	21.526	ug/l	96
11) Tert butyl alcohol	2.989	59	198747	275.612	ug/l	99
12) 1,1-Dichloroethene	2.312	96	113296	49.310	ug/l	91
13) Acrolein	2.239	56	23803	134.299	ug/l	95
14) Allyl chloride	2.660	41	243240	51.303	ug/l	97
15) Acrylonitrile	3.068	53	449102	252.019	ug/l	99
16) Acetone	2.386	43	379644	250.836	ug/l	95
17) Carbon Disulfide	2.508	76	278321	44.875	ug/l	100
18) Methyl Acetate	2.703	43	228865	51.123	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	424161	53.894	ug/l	97
20) Methylene Chloride	2.788	84	137124	53.010	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	124349	49.032	ug/l	99
22) Diisopropyl ether	3.763	45	487280	54.319	ug/l	89
23) Vinyl Acetate	3.721	43	2108026	270.897	ug/l	96
24) 1,1-Dichloroethane	3.611	63	245458	51.493	ug/l	98
25) 2-Butanone	4.562	43	647390	254.541	ug/l	96
26) 2,2-Dichloropropane	4.477	77	188817	54.779	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	148732	49.873	ug/l	92
28) Bromochloromethane	4.897	49	104265	51.775	ug/l	93
29) Tetrahydrofuran	5.013	42	430303	251.453	ug/l	94
30) Chloroform	5.092	83	244494	51.803	ug/l	99
31) Cyclohexane	5.470	56	212873	49.595	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	202690	52.833	ug/l	99
36) 1,1-Dichloropropene	5.690	75	176380	51.022	ug/l	98
37) Ethyl Acetate	4.714	43	244785	50.003	ug/l	97
38) Carbon Tetrachloride	5.678	117	167533	51.912	ug/l	94
39) Methylcyclohexane	7.385	83	218107	48.879	ug/l	95
40) Benzene	6.037	78	542118	49.843	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	137345	52.339	ug/l	96
42) 1,2-Dichloroethane	6.086	62	192716	51.277	ug/l	98
43) Isopropyl Acetate	6.342	43	376989	52.531	ug/l	98
44) Trichloroethene	7.129	130	139076	46.796	ug/l	95
45) 1,2-Dichloropropane	7.433	63	148086	51.047	ug/l	99
46) Dibromomethane	7.580	93	98111	49.732	ug/l	95
47) Bromodichloromethane	7.824	83	194541	54.245	ug/l	94
48) Methyl methacrylate	7.696	41	186984	52.935	ug/l	94
49) 1,4-Dioxane	7.671	88	79519	974.692	ug/l	93
51) 4-Methyl-2-Pentanone	8.573	43	1265650	259.780	ug/l	98
52) Toluene	8.720	92	333850	50.310	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	208672	53.978	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	227491	54.000	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	143124	50.657	ug/l	93
56) Ethyl methacrylate	9.116	69	240350	53.812	ug/l	94
57) 1,3-Dichloropropane	9.311	76	237265	50.874	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	605142	272.995	ug/l	96
59) 2-Hexanone	9.433	43	1000396	260.267	ug/l	96
60) Dibromochloromethane	9.525	129	142126	54.341	ug/l	98
61) 1,2-Dibromoethane	9.610	107	150036	50.856	ug/l	98
64) Tetrachloroethene	9.275	164	132358	47.496	ug/l	96
65) Chlorobenzene	10.079	112	355159	50.510	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	130170	54.457	ug/l	99
67) Ethyl Benzene	10.195	91	654692	49.129	ug/l	99
68) m/p-Xylenes	10.305	106	495316	103.985	ug/l	94
69) o-Xylene	10.640	106	245794	52.355	ug/l	94
70) Styrene	10.659	104	418504	54.258	ug/l	98
71) Bromoform	10.799	173	100609	57.252	ug/l #	99
73) Isopropylbenzene	10.963	105	648316	49.826	ug/l	98
74) N-amyl acetate	10.841	43	342519	54.163	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	237727	49.917	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	222234m	50.584	ug/l	
77) Bromobenzene	11.201	156	145723	47.716	ug/l	92
78) n-propylbenzene	11.305	91	785997	50.613	ug/l	98
79) 2-Chlorotoluene	11.366	91	467959	47.717	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	547729	50.273	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	76227	52.050	ug/l	97
82) 4-Chlorotoluene	11.457	91	541526	50.540	ug/l	97
83) tert-Butylbenzene	11.719	119	518867	51.381	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	559369	51.462	ug/l	97
85) sec-Butylbenzene	11.890	105	715589	51.773	ug/l	98
86) p-Isopropyltoluene	12.012	119	575472	52.041	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	294217	49.537	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	296879	49.103	ug/l	99
89) n-Butylbenzene	12.335	91	561117	54.503	ug/l	99
90) Hexachloroethane	12.542	117	101587	53.356	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	294067	50.443	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	66087	57.857	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	184899	54.692	ug/l	98
94) Hexachlorobutadiene	13.725	225	71009	52.310	ug/l	99
95) Naphthalene	13.774	128	732026	55.433	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	185711	53.563	ug/l	98

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

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