

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030122\
 Data File : VX027238.D
 Acq On : 01 Mar 2022 10:45
 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 03/02/2022
 Supervised By : Mahesh Dadoda 03/02/2022

Quant Time: Mar 02 00:32:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	71146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	117117	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	41747	48.857	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.720%		
35) Dibromofluoromethane	5.391	113	34721	47.762	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.520%		
50) Toluene-d8	8.653	98	131889	48.521	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.040%		
62) 4-Bromofluorobenzene	11.079	95	48587	46.567	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	37148	52.528	ug/l	98
3) Chloromethane	1.301	50	35315	53.420	ug/l	100
4) Vinyl Chloride	1.380	62	33412	50.741	ug/l	99
5) Bromomethane	1.605	94	14409	50.117	ug/l	95
6) Chloroethane	1.685	64	20539	50.795	ug/l	99
7) Trichlorofluoromethane	1.892	101	55311	54.007	ug/l	98
8) Diethyl Ether	2.136	74	18885	52.978	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	38288	53.665	ug/l	97
10) Methyl Iodide	2.453	142	45723	47.726	ug/l	95
11) Tert butyl alcohol	2.965	59	39780	239.277	ug/l	97
12) 1,1-Dichloroethene	2.325	96	38257	55.234	ug/l	87
13) Acrolein	2.239	56	38939	253.401	ug/l	98
14) Allyl chloride	2.666	41	63509	52.078	ug/l	95
15) Acrylonitrile	3.069	53	117821	276.183	ug/l	98
16) Acetone	2.380	43	98517	262.599	ug/l	95
17) Carbon Disulfide	2.514	76	95317	52.924	ug/l	98
18) Methyl Acetate	2.703	43	52008	53.708	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	130535	54.924	ug/l	100
20) Methylene Chloride	2.794	84	43052	55.366	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	41014	55.526	ug/l	96
22) Diisopropyl ether	3.764	45	130336	54.824	ug/l	98
23) Vinyl Acetate	3.727	43	557728	277.813	ug/l	98
24) 1,1-Dichloroethane	3.611	63	73897	54.985	ug/l	99
25) 2-Butanone	4.556	43	158396	265.116	ug/l	98
26) 2,2-Dichloropropane	4.483	77	38314	39.298	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	47785	55.783	ug/l	92
28) Bromochloromethane	4.897	49	27618	50.796	ug/l	92
29) Tetrahydrofuran	5.001	42	105297	263.327	ug/l	95
30) Chloroform	5.099	83	77422	55.464	ug/l	98
31) Cyclohexane	5.477	56	68114	53.227	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	68791	56.928	ug/l	99
36) 1,1-Dichloropropene	5.696	75	57022	53.746	ug/l	97
37) Ethyl Acetate	4.715	43	60178	51.661	ug/l	97
38) Carbon Tetrachloride	5.678	117	61293	55.392	ug/l	99
39) Methylcyclohexane	7.385	83	69199	52.433	ug/l	93
40) Benzene	6.038	78	167068	53.847	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	34075	53.325	ug/l	95
42) 1,2-Dichloroethane	6.086	62	60448	54.919	ug/l	98
43) Isopropyl Acetate	6.342	43	94672	52.831	ug/l	96
44) Trichloroethene	7.129	130	49952	53.821	ug/l	89
45) 1,2-Dichloropropane	7.434	63	41722	55.037	ug/l	99
46) Dibromomethane	7.580	93	30578	56.159	ug/l	96
47) Bromodichloromethane	7.824	83	59066	55.578	ug/l	99
48) Methyl methacrylate	7.690	41	48189	55.556	ug/l	95
49) 1,4-Dioxane	7.659	88	19856	1012.590	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	318416	273.386	ug/l	97
52) Toluene	8.720	92	106325	53.519	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	56645	47.275	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	63295	53.354	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	43376	55.124	ug/l	96
56) Ethyl methacrylate	9.116	69	68414	55.844	ug/l	94
57) 1,3-Dichloropropane	9.305	76	72724	55.565	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	150517	254.890	ug/l	96
59) 2-Hexanone	9.433	43	246433	276.832	ug/l	98
60) Dibromochloromethane	9.525	129	47346	58.001	ug/l	100
61) 1,2-Dibromoethane	9.610	107	45907	54.782	ug/l	99
64) Tetrachloroethene	9.275	164	49472	52.094	ug/l	94
65) Chlorobenzene	10.079	112	114739	53.624	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	43479	56.035	ug/l	99
67) Ethyl Benzene	10.195	91	204971	54.569	ug/l	98
68) m/p-Xylenes	10.305	106	160133	110.894	ug/l	96
69) o-Xylene	10.640	106	80040	55.227	ug/l	98
70) Styrene	10.659	104	133411	56.256	ug/l	98
71) Bromoform	10.799	173	33822	50.488	ug/l #	100
73) Isopropylbenzene	10.963	105	205115	55.849	ug/l	98
74) N-amyl acetate	10.842	43	80134	57.345	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	60259	55.549	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	57501m	55.620	ug/l	
77) Bromobenzene	11.201	156	50614	55.251	ug/l	93
78) n-propylbenzene	11.305	91	234504	56.178	ug/l	98
79) 2-Chlorotoluene	11.366	91	142754	55.808	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	172962	56.006	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	15384	44.170	ug/l	91
82) 4-Chlorotoluene	11.457	91	161787	55.365	ug/l	96
83) tert-Butylbenzene	11.713	119	170903	56.913	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	173889	56.607	ug/l	98
85) sec-Butylbenzene	11.890	105	213355	56.663	ug/l	99
86) p-Isopropyltoluene	12.012	119	181697	56.605	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	97310	56.452	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	95781	54.344	ug/l	99
89) n-Butylbenzene	12.335	91	147315	54.908	ug/l	99
90) Hexachloroethane	12.542	117	29241	58.809	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	92182	54.807	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14346	56.964	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	61259	57.718	ug/l	100
94) Hexachlorobutadiene	13.725	225	23613	53.588	ug/l	99
95) Naphthalene	13.780	128	206177	57.167	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	60249	56.633	ug/l	99

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

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