

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013122\
 Data File : VX026695.D
 Acq On : 31 Jan 2022 20:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 01 06:32:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 02/01/2022
 Supervised By :Semsetin
 Yesilyurt
 02/05/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	94855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	153180	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59715	45.066	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 90.140%			
35) Dibromofluoromethane	5.391	113	49073	49.609	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.220%			
50) Toluene-d8	8.653	98	182448	51.183	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.360%			
62) 4-Bromofluorobenzene	11.085	95	65252	51.530	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	46206	41.252	ug/l	99
3) Chloromethane	1.294	50	46960	45.734	ug/l	100
4) Vinyl Chloride	1.380	62	48007	44.531	ug/l	99
5) Bromomethane	1.617	94	22909	46.066	ug/l	99
6) Chloroethane	1.691	64	22877	41.965	ug/l	99
7) Trichlorofluoromethane	1.892	101	74357	43.687	ug/l	96
8) Diethyl Ether	2.136	74	28261	46.923	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	49414	47.640	ug/l	99
10) Methyl Iodide	2.459	142	61918	54.967	ug/l	98
11) Tert butyl alcohol	3.026	59	46539	252.477	ug/l	96
12) 1,1-Dichloroethene	2.325	96	47005	47.449	ug/l	93
13) Acrolein	2.239	56	49439	252.408	ug/l	98
14) Allyl chloride	2.666	41	86891	47.696	ug/l	96
15) Acrylonitrile	3.068	53	151299	266.644	ug/l	99
16) Acetone	2.392	43	124524	184.282	ug/l	96
17) Carbon Disulfide	2.520	76	113667	39.301	ug/l	99
18) Methyl Acetate	2.709	43	70280	52.316	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	175230	48.750	ug/l	98
20) Methylene Chloride	2.794	84	55646	49.842	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	50758	47.330	ug/l	96
22) Diisopropyl ether	3.763	45	183504	49.589	ug/l	99
23) Vinyl Acetate	3.727	43	780572	256.252	ug/l	98
24) 1,1-Dichloroethane	3.617	63	97892	48.982	ug/l	99
25) 2-Butanone	4.568	43	199269	226.761	ug/l	99
26) 2,2-Dichloropropane	4.483	77	72035	48.627	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	60862	49.725	ug/l	98
28) Bromochloromethane	4.904	49	40383	49.210	ug/l	98
29) Tetrahydrofuran	5.013	42	133578	255.940	ug/l	99
30) Chloroform	5.099	83	103251	49.723	ug/l	98
31) Cyclohexane	5.477	56	86932	44.480	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	88444	48.422	ug/l	100
36) 1,1-Dichloropropene	5.696	75	73425	47.020	ug/l	98
37) Ethyl Acetate	4.721	43	81571	51.639	ug/l	99
38) Carbon Tetrachloride	5.684	117	77598	48.309	ug/l	96
39) Methylcyclohexane	7.385	83	89433	47.480	ug/l	99
40) Benzene	6.044	78	219082	50.758	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	47588	53.181	ug/l	97
42) 1,2-Dichloroethane	6.092	62	80109	47.438	ug/l	99
43) Isopropyl Acetate	6.342	43	133343	52.257	ug/l	99
44) Trichloroethene	7.129	130	63181	51.587	ug/l	94
45) 1,2-Dichloropropane	7.434	63	56800	52.720	ug/l	98
46) Dibromomethane	7.586	93	39682	52.249	ug/l	97
47) Bromodichloromethane	7.824	83	80735	52.612	ug/l	99
48) Methyl methacrylate	7.696	41	65765	52.006	ug/l	96
49) 1,4-Dioxane	7.696	88	18805	906.162	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	394493	260.651	ug/l	98
52) Toluene	8.720	92	141939	53.626	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	82715	50.407	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	90592	54.964	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	57444	55.615	ug/l	98
56) Ethyl methacrylate	9.116	69	88565	55.950	ug/l	96
57) 1,3-Dichloropropane	9.311	76	98085	54.773	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	208452	251.140	ug/l	98
59) 2-Hexanone	9.433	43	281433	242.952	ug/l	97
60) Dibromochloromethane	9.525	129	61029	56.700	ug/l	99
61) 1,2-Dibromoethane	9.610	107	59288	55.085	ug/l	100
64) Tetrachloroethene	9.275	164	67126	51.434	ug/l	96
65) Chlorobenzene	10.079	112	149211	51.287	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	57244	52.954	ug/l	99
67) Ethyl Benzene	10.195	91	271020	51.262	ug/l	100
68) m/p-Xylenes	10.305	106	203785	102.998	ug/l	98
69) o-Xylene	10.640	106	100870	52.835	ug/l	95
70) Styrene	10.659	104	165229	53.038	ug/l	98
71) Bromoform	10.799	173	39593	47.948	ug/l #	98
73) Isopropylbenzene	10.963	105	262394	51.177	ug/l	99
74) N-amyl acetate	10.848	43	103769	52.424	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	70323	51.099	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	69905m	50.757	ug/l	
77) Bromobenzene	11.201	156	60202	51.253	ug/l	97
78) n-propylbenzene	11.305	91	296876	50.775	ug/l	99
79) 2-Chlorotoluene	11.366	91	176018	49.645	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	215043	50.873	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	21514	49.348	ug/l	94
82) 4-Chlorotoluene	11.457	91	200392	49.177	ug/l	98
83) tert-Butylbenzene	11.719	119	205036	51.960	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	214558	50.749	ug/l	98
85) sec-Butylbenzene	11.890	105	267135	52.337	ug/l	99
86) p-Isopropyltoluene	12.012	119	224379	52.398	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	110661	50.262	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	110553	49.609	ug/l	99
89) n-Butylbenzene	12.335	91	187665	51.068	ug/l	99
90) Hexachloroethane	12.542	117	35390	49.544	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	108729	52.258	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16627	49.989	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	68036	51.004	ug/l	99
94) Hexachlorobutadiene	13.725	225	28933	51.381	ug/l	98
95) Naphthalene	13.780	128	235503	52.929	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	69488	52.969	ug/l	98

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

