

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042122\
 Data File : VX028270.D
 Acq On : 22 Apr 2022 03:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/22/2022
 Supervised By : Semsettin Yesilyurt 04/22/2022

Quant Time: Apr 22 06:32:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	427235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	650249	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	602424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	331189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	216910	38.938	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	77.880%		
35) Dibromofluoromethane	5.391	113	201816	44.256	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	88.520%		
50) Toluene-d8	8.653	98	730166	41.689	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	83.380%		
62) 4-Bromofluorobenzene	11.085	95	279484	41.734	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	83.460%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	201043	72.897	ug/l	99
3) Chloromethane	1.288	50	172921	62.812	ug/l	98
4) Vinyl Chloride	1.374	62	203273	47.195	ug/l	99
5) Bromomethane	1.599	94	132055	31.362	ug/l	97
6) Chloroethane	1.678	64	135887	43.652	ug/l	96
7) Trichlorofluoromethane	1.886	101	363454	38.268	ug/l	98
8) Diethyl Ether	2.136	74	129781	45.180	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	194372	56.181	ug/l	93
10) Methyl Iodide	2.453	142	266696	55.700	ug/l	100
11) Tert butyl alcohol	2.965	59	240579	224.497	ug/l	98
12) 1,1-Dichloroethene	2.319	96	185140	56.387	ug/l	92
13) Acrolein	2.233	56	183273	268.448	ug/l	99
14) Allyl chloride	2.666	41	243214	44.145	ug/l	95
15) Acrylonitrile	3.062	53	508712	224.088	ug/l	100
16) Acetone	2.380	43	424215	249.321	ug/l	98
17) Carbon Disulfide	2.514	76	380591	43.043	ug/l	100
18) Methyl Acetate	2.703	43	223896	45.204	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	632416	46.189	ug/l	97
20) Methylene Chloride	2.788	84	202721	49.046	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	199285	44.629	ug/l	90
22) Diisopropyl ether	3.763	45	538027	42.876	ug/l	92
23) Vinyl Acetate	3.721	43	2334795	212.971	ug/l	98
24) 1,1-Dichloroethane	3.611	63	330502	44.606	ug/l	99
25) 2-Butanone	4.556	43	679440	205.944	ug/l	99
26) 2,2-Dichloropropane	4.483	77	236400	32.678	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	236025	44.329	ug/l	89
28) Bromochloromethane	4.897	49	131599	41.398	ug/l #	81
29) Tetrahydrofuran	5.001	42	436163	202.756	ug/l	99
30) Chloroform	5.099	83	368156	41.374	ug/l	98
31) Cyclohexane	5.477	56	281508	41.478	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	337043	41.829	ug/l	97
36) 1,1-Dichloropropene	5.696	75	262748	44.172	ug/l	96
37) Ethyl Acetate	4.715	43	265749	44.030	ug/l	99
38) Carbon Tetrachloride	5.684	117	293550	43.716	ug/l	99
39) Methylcyclohexane	7.385	83	316480	42.168	ug/l	94
40) Benzene	6.044	78	780808	44.843	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	137187	44.055	ug/l	99
42) 1,2-Dichloroethane	6.092	62	270661	41.876	ug/l	98
43) Isopropyl Acetate	6.342	43	423218	43.084	ug/l	98
44) Trichloroethene	7.129	130	245985	48.717	ug/l	94
45) 1,2-Dichloropropane	7.434	63	188587	44.249	ug/l	99
46) Dibromomethane	7.586	93	149496	44.715	ug/l	95
47) Bromodichloromethane	7.824	83	267841	41.683	ug/l	100
48) Methyl methacrylate	7.696	41	197106	43.705	ug/l	94
49) 1,4-Dioxane	7.665	88	96955	803.619	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	1340651	212.682	ug/l	98
52) Toluene	8.720	92	530130	43.824	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	288969	42.314	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	307839	41.978	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	219314	44.622	ug/l	98
56) Ethyl methacrylate	9.116	69	320498	44.985	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	345108	43.503	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	766720	229.365	ug/l	90
59) 2-Hexanone	9.433	43	1046383	214.298	ug/l	95
60) Dibromochloromethane	9.525	129	229100	42.757	ug/l	96
61) 1,2-Dibromoethane	9.610	107	238842	44.295	ug/l	98
64) Tetrachloroethene	9.275	164	238130	50.607	ug/l	95
65) Chlorobenzene	10.079	112	599922	46.708	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	224414	46.903	ug/l	99
67) Ethyl Benzene	10.195	91	1010174	46.903	ug/l	95
68) m/p-Xylenes	10.305	106	833936	95.138	ug/l	93
69) o-Xylene	10.646	106	409264	46.830	ug/l	94
70) Styrene	10.659	104	686822	48.510	ug/l	98
71) Bromoform	10.805	173	172580	39.868	ug/l #	98
73) Isopropylbenzene	10.963	105	1061519	46.632	ug/l	98
74) N-amyl acetate	10.848	43	381535	48.492	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	337263	45.657	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	296785m	45.533	ug/l	
77) Bromobenzene	11.201	156	290743	49.041	ug/l	87
78) n-propylbenzene	11.305	91	1176039	46.591	ug/l	95
79) 2-Chlorotoluene	11.366	91	708831	45.168	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	896162	46.378	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	88347	40.280	ug/l	94
82) 4-Chlorotoluene	11.457	91	826102	45.699	ug/l	94
83) tert-Butylbenzene	11.719	119	918241	46.537	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	907483	47.245	ug/l	97
85) sec-Butylbenzene	11.890	105	1086841	45.656	ug/l	96
86) p-Isopropyltoluene	12.012	119	966641	47.069	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	546411	49.051	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	550467	47.063	ug/l	99
89) n-Butylbenzene	12.335	91	774678	45.940	ug/l	97
90) Hexachloroethane	12.542	117	146112	39.920	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	543915	49.151	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	72341	44.035	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	351482	53.402	ug/l	99
94) Hexachlorobutadiene	13.725	225	142911	48.659	ug/l	94
95) Naphthalene	13.780	128	1201230	54.786	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	354859	54.927	ug/l	95

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

