

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029632.D
 Acq On : 20 Jun 2022 18:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/21/2022
 Supervised By : Mahesh Dadoda 06/23/2022

Quant Time: Jun 21 01:53:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	227728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	405944	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	361139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	144211	47.839	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.680%		
35) Dibromofluoromethane	5.391	113	127491	48.192	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.380%		
50) Toluene-d8	8.653	98	480231	49.690	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.380%		
62) 4-Bromofluorobenzene	11.085	95	179541	49.263	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	148470	53.835	ug/l	98
3) Chloromethane	1.288	50	135045	45.454	ug/l	98
4) Vinyl Chloride	1.374	62	137952	50.433	ug/l	100
5) Bromomethane	1.605	94	56577	40.541	ug/l	100
6) Chloroethane	1.685	64	82519	51.046	ug/l	99
7) Trichlorofluoromethane	1.886	101	195261	51.237	ug/l	95
8) Diethyl Ether	2.136	74	75582	50.342	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	124341	52.034	ug/l	98
10) Methyl Iodide	2.453	142	105664	39.465	ug/l	98
11) Tert butyl alcohol	2.983	59	141781	214.513	ug/l	97
12) 1,1-Dichloroethene	2.319	96	121790	52.789	ug/l	97
13) Acrolein	2.239	56	41154	247.830	ug/l	99
14) Allyl chloride	2.666	41	189694	50.925	ug/l	96
15) Acrylonitrile	3.069	53	362556	257.133	ug/l	100
16) Acetone	2.386	43	279189	232.357	ug/l	100
17) Carbon Disulfide	2.514	76	300949	50.316	ug/l	100
18) Methyl Acetate	2.703	43	160543	50.536	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	414725	51.779	ug/l	99
20) Methylene Chloride	2.788	84	134375	50.212	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	130392	51.709	ug/l	98
22) Diisopropyl ether	3.764	45	384975	52.244	ug/l	94
23) Vinyl Acetate	3.727	43	1619866	263.316	ug/l	99
24) 1,1-Dichloroethane	3.611	63	229485	51.784	ug/l	99
25) 2-Butanone	4.562	43	477708	251.525	ug/l	98
26) 2,2-Dichloropropane	4.483	77	159409	46.217	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	155134	52.660	ug/l	93
28) Bromochloromethane	4.904	49	84948	50.172	ug/l	98
29) Tetrahydrofuran	5.007	42	324924	256.707	ug/l	95
30) Chloroform	5.099	83	244759	52.190	ug/l	98
31) Cyclohexane	5.477	56	209277	51.711	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	214150	51.770	ug/l	98
36) 1,1-Dichloropropene	5.696	75	180260	50.345	ug/l	98
37) Ethyl Acetate	4.721	43	185936	50.662	ug/l	99
38) Carbon Tetrachloride	5.684	117	181395	51.518	ug/l	99
39) Methylcyclohexane	7.379	83	229277	51.361	ug/l	99
40) Benzene	6.044	78	540689	50.944	ug/l	99

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41) Methacrylonitrile	4.928	41	101463	52.473	ug/l	96
42) 1,2-Dichloroethane	6.092	62	178699	48.979	ug/l	98
43) Isopropyl Acetate	6.342	43	290681	50.934	ug/l	99
44) Trichloroethene	7.129	130	152045	50.568	ug/l	100
45) 1,2-Dichloropropane	7.434	63	133602	51.326	ug/l	96
46) Dibromomethane	7.586	93	96650	51.660	ug/l	94
47) Bromodichloromethane	7.824	83	185458	51.443	ug/l	100
48) Methyl methacrylate	7.696	41	143094	51.138	ug/l	93
49) 1,4-Dioxane	7.677	88	68030	942.968	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	930534	252.969	ug/l	98
52) Toluene	8.720	92	355288	52.277	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	190610	52.321	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	213225	52.269	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	142522	51.866	ug/l	98
56) Ethyl methacrylate	9.116	69	222548	53.609	ug/l	97
57) 1,3-Dichloropropane	9.311	76	232926	50.895	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	490677	251.564	ug/l	96
59) 2-Hexanone	9.433	43	706354	253.584	ug/l	97
60) Dibromochloromethane	9.525	129	141984	53.219	ug/l	97
61) 1,2-Dibromoethane	9.610	107	150129	52.697	ug/l	99
64) Tetrachloroethene	9.275	164	135574	51.910	ug/l	97
65) Chlorobenzene	10.079	112	371775	52.475	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	133825	52.597	ug/l	99
67) Ethyl Benzene	10.195	91	665334	52.193	ug/l	99
68) m/p-Xylenes	10.305	106	517443	104.088	ug/l	100
69) o-Xylene	10.646	106	256687	52.262	ug/l	100
70) Styrene	10.659	104	429670	53.430	ug/l	99
71) Bromoform	10.799	173	96514	53.499	ug/l #	98
73) Isopropylbenzene	10.963	105	658646	49.781	ug/l	99
74) N-amyl acetate	10.848	43	233569	50.829	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	213237	49.850	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	189131m	49.199	ug/l	
77) Bromobenzene	11.201	156	153629	50.877	ug/l	96
78) n-propylbenzene	11.305	91	750157	50.341	ug/l	99
79) 2-Chlorotoluene	11.366	91	455253	49.340	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	556683	49.960	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	57260	49.553	ug/l	94
82) 4-Chlorotoluene	11.457	91	517452	49.177	ug/l	100
83) tert-Butylbenzene	11.719	119	547556	50.400	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	559050	50.306	ug/l	99
85) sec-Butylbenzene	11.890	105	687362	51.050	ug/l	99
86) p-Isopropyltoluene	12.012	119	570156	50.573	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	286482	49.804	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	291319	50.724	ug/l	98
89) n-Butylbenzene	12.335	91	487003	51.182	ug/l	100
90) Hexachloroethane	12.542	117	86419	53.532	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	288347	50.996	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	47230	49.830	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	179889	52.171	ug/l	98
94) Hexachlorobutadiene	13.725	225	71859	50.903	ug/l	94
95) Naphthalene	13.780	128	672013	54.292	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	181400	52.529	ug/l	95

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

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