

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028626.D
 Acq On : 11 May 2022 17:23
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/12/2022
 Supervised By : Mahesh Dadoda 05/13/2022

Quant Time: May 12 05:40:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 05:37:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	330063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	521373	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	481477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	266951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	178157	48.915	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.840%		
35) Dibromofluoromethane	5.391	113	161985	49.381	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.760%		
50) Toluene-d8	8.653	98	604731	49.659	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.320%		
62) 4-Bromofluorobenzene	11.086	95	221385	49.319	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	94048	40.160	ug/l	100
3) Chloromethane	1.289	50	77460	37.344	ug/l	100
4) Vinyl Chloride	1.374	62	102228	40.590	ug/l	100
5) Bromomethane	1.599	94	81658	43.406	ug/l	100
6) Chloroethane	1.679	64	77493	36.826	ug/l	100
7) Trichlorofluoromethane	1.886	101	218027	44.886	ug/l	100
8) Diethyl Ether	2.136	74	87378	47.222	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	125785	46.559	ug/l	100
10) Methyl Iodide	2.453	142	140874	48.876	ug/l	100
11) Tert butyl alcohol	2.971	59	183258	231.222	ug/l	100
12) 1,1-Dichloroethene	2.319	96	101871	44.118	ug/l	100
13) Acrolein	2.233	56	148998	240.686	ug/l	100
14) Allyl chloride	2.666	41	156619	47.361	ug/l	100
15) Acrylonitrile	3.063	53	394724	252.836	ug/l	100
16) Acetone	2.380	43	328500	243.427	ug/l	100
17) Carbon Disulfide	2.514	76	123885	32.435	ug/l	100
18) Methyl Acetate	2.703	43	178049	48.827	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	456361	50.554	ug/l	100
20) Methylene Chloride	2.788	84	131336	44.310	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	115359	44.989	ug/l	100
22) Diisopropyl ether	3.764	45	397897	50.324	ug/l	100
23) Vinyl Acetate	3.721	43	1665793	256.755	ug/l	100
24) 1,1-Dichloroethane	3.611	63	231893	48.181	ug/l	100
25) 2-Butanone	4.556	43	545288	255.986	ug/l	100
26) 2,2-Dichloropropane	4.483	77	188858	50.533	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	162376	48.324	ug/l	100
28) Bromochloromethane	4.898	49	108740	49.611	ug/l	100
29) Tetrahydrofuran	5.007	42	336890	251.539	ug/l	100
30) Chloroform	5.099	83	279017	49.877	ug/l	100
31) Cyclohexane	5.471	56	146780	46.177	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	234077	49.693	ug/l	100
36) 1,1-Dichloropropene	5.696	75	165978	46.267	ug/l	100
37) Ethyl Acetate	4.715	43	198469	49.522	ug/l	100
38) Carbon Tetrachloride	5.684	117	199653	48.839	ug/l	100
39) Methylcyclohexane	7.379	83	167339	43.432	ug/l	100
40) Benzene	6.044	78	529746	47.482	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	106422	51.037	ug/l	100
42) 1,2-Dichloroethane	6.093	62	198163	48.451	ug/l	100
43) Isopropyl Acetate	6.342	43	316955	50.907	ug/l	100
44) Trichloroethene	7.129	130	159057	47.657	ug/l	100
45) 1,2-Dichloropropane	7.434	63	140996	48.999	ug/l	100
46) Dibromomethane	7.580	93	108509	49.153	ug/l	100
47) Bromodichloromethane	7.824	83	214459	51.927	ug/l	100
48) Methyl methacrylate	7.696	41	148654	50.531	ug/l	100
49) 1,4-Dioxane	7.665	88	90642	1029.610	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	1098249	260.558	ug/l	100
52) Toluene	8.720	92	369146	48.665	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	215644	54.161	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	233608	52.721	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	170931	49.836	ug/l	100
56) Ethyl methacrylate	9.116	69	248544	53.306	ug/l	100
57) 1,3-Dichloropropane	9.311	76	266876	50.455	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	633311	257.412	ug/l	100
59) 2-Hexanone	9.433	43	875120	267.475	ug/l	100
60) Dibromochloromethane	9.525	129	181684	53.880	ug/l	100
61) 1,2-Dibromoethane	9.610	107	176948	50.879	ug/l	100
64) Tetrachloroethene	9.275	164	154357	48.191	ug/l	100
65) Chlorobenzene	10.080	112	438426	49.296	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	173245	53.636	ug/l	100
67) Ethyl Benzene	10.195	91	740079	50.667	ug/l	100
68) m/p-Xylenes	10.305	106	598175	102.082	ug/l	100
69) o-Xylene	10.647	106	300952	51.315	ug/l	100
70) Styrene	10.659	104	517920	53.602	ug/l	100
71) Bromoform	10.799	173	140590	54.634	ug/l	100
73) Isopropylbenzene	10.964	105	793618	49.096	ug/l	100
74) N-amyl acetate	10.848	43	291426	52.739	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.214	83	285177	49.435	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	247215m	43.713	ug/l	
77) Bromobenzene	11.201	156	210397	48.994	ug/l	100
78) n-propylbenzene	11.305	91	895265	50.386	ug/l	100
79) 2-Chlorotoluene	11.366	91	545396	48.349	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	673705	50.215	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.025	75	75281	52.504	ug/l	100
82) 4-Chlorotoluene	11.457	91	635069	49.866	ug/l	100
83) tert-Butylbenzene	11.720	119	688873	50.658	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	681354	50.830	ug/l	100
85) sec-Butylbenzene	11.890	105	817091	50.943	ug/l	100
86) p-Isopropyltoluene	12.012	119	714646	51.729	ug/l	100
87) 1,3-Dichlorobenzene	11.970	146	409428	50.222	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	417519	50.126	ug/l	100
89) n-Butylbenzene	12.335	91	579974	51.586	ug/l	100
90) Hexachloroethane	12.543	117	116671	52.476	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	413875	50.031	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	61503	52.526	ug/l	100
93) 1,2,4-Trichlorobenzene	13.591	180	255365	51.989	ug/l	100
94) Hexachlorobutadiene	13.725	225	107664	50.606	ug/l	100
95) Naphthalene	13.780	128	889723	54.219	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	259025	51.935	ug/l	100

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

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