

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062822\
 Data File : VX029833.D
 Acq On : 28 Jun 2022 16:27
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/30/2022
 Supervised By :Semsettin Yesilyurt 06/30/2022

Quant Time: Jun 29 05:31:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:28:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	210999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	377245	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	337728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142510	44.507	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.020%		
35) Dibromofluoromethane	5.391	113	122408	50.307	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.620%		
50) Toluene-d8	8.653	98	468425	49.484	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.960%		
62) 4-Bromofluorobenzene	11.079	95	169190	49.119	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	113194	44.650	ug/l	100
3) Chloromethane	1.288	50	128215	44.727	ug/l	100
4) Vinyl Chloride	1.374	62	128553	43.004	ug/l	100
5) Bromomethane	1.611	94	65336	74.959	ug/l	100
6) Chloroethane	1.685	64	69436	42.507	ug/l	100
7) Trichlorofluoromethane	1.886	101	161202	46.494	ug/l	100
8) Diethyl Ether	2.136	74	70472	43.070	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	108394	44.188	ug/l	100
10) Methyl Iodide	2.453	142	151022	52.966	ug/l	100
11) Tert butyl alcohol	2.995	59	182805	197.752	ug/l	100
12) 1,1-Dichloroethene	2.319	96	112310	44.617	ug/l	100
13) Acrolein	2.239	56	87192	163.081	ug/l	100
14) Allyl chloride	2.666	41	210581	45.885	ug/l	100
15) Acrylonitrile	3.068	53	431739	228.413	ug/l	100
16) Acetone	2.392	43	338395	220.326	ug/l	100
17) Carbon Disulfide	2.514	76	286273	44.603	ug/l	100
18) Methyl Acetate	2.709	43	208383	44.951	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	393523	45.060	ug/l	100
20) Methylene Chloride	2.788	84	135104	42.755	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	122602	45.475	ug/l	100
22) Diisopropyl ether	3.763	45	434164	45.979	ug/l	100
23) Vinyl Acetate	3.727	43	1919054	239.021	ug/l	100
24) 1,1-Dichloroethane	3.611	63	226271	44.350	ug/l	100
25) 2-Butanone	4.568	43	600884	230.425	ug/l	100
26) 2,2-Dichloropropane	4.483	77	149446	42.228	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	147617	44.672	ug/l	100
28) Bromochloromethane	4.903	49	89678	43.728	ug/l	100
29) Tetrahydrofuran	5.013	42	400790	231.230	ug/l	100
30) Chloroform	5.105	83	222813	44.756	ug/l	100
31) Cyclohexane	5.470	56	195568	42.217	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	174770	45.434	ug/l	100
36) 1,1-Dichloropropene	5.696	75	161760	46.290	ug/l	100
37) Ethyl Acetate	4.721	43	227227	51.864	ug/l	100
38) Carbon Tetrachloride	5.684	117	142898	49.938	ug/l	100
39) Methylcyclohexane	7.385	83	200781	47.482	ug/l	100
40) Benzene	6.044	78	527497	47.806	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	122267	48.842	ug/l	100
42) 1,2-Dichloroethane	6.092	62	167695	47.094	ug/l	100
43) Isopropyl Acetate	6.342	43	345577	51.516	ug/l	100
44) Trichloroethene	7.129	130	132206	48.212	ug/l	100
45) 1,2-Dichloropropane	7.434	63	140147	47.707	ug/l	100
46) Dibromomethane	7.586	93	93202	49.408	ug/l	100
47) Bromodichloromethane	7.824	83	168947	50.339	ug/l	100
48) Methyl methacrylate	7.696	41	165314	49.677	ug/l	100
49) 1,4-Dioxane	7.683	88	77753	970.875	ug/l	100
51) 4-Methyl-2-Pentanone	8.580	43	1147296	258.526	ug/l	100
52) Toluene	8.720	92	326020	49.455	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	185677	51.301	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	206382	49.026	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	140346	50.164	ug/l	100
56) Ethyl methacrylate	9.116	69	228985	50.649	ug/l	100
57) 1,3-Dichloropropane	9.311	76	225117	48.346	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	532669	247.013	ug/l	100
59) 2-Hexanone	9.433	43	895149	260.338	ug/l	100
60) Dibromochloromethane	9.525	129	127703	53.452	ug/l	100
61) 1,2-Dibromoethane	9.610	107	142939	51.577	ug/l	100
64) Tetrachloroethene	9.275	164	100064	51.033	ug/l	100
65) Chlorobenzene	10.079	112	344358	48.410	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	121789	52.568	ug/l	100
67) Ethyl Benzene	10.195	91	607492	47.630	ug/l	100
68) m/p-Xylenes	10.305	106	467175	96.920	ug/l	100
69) o-Xylene	10.646	106	237107	49.394	ug/l	100
70) Styrene	10.659	104	394402	49.977	ug/l	100
71) Bromoform	10.805	173	91234	58.103	ug/l #	100
73) Isopropylbenzene	10.963	105	587105	44.942	ug/l	100
74) N-amyl acetate	10.848	43	314150	49.349	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	232988	45.272	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	202074m	45.183	ug/l	
77) Bromobenzene	11.201	156	143102	48.763	ug/l	100
78) n-propylbenzene	11.305	91	708124	45.034	ug/l	100
79) 2-Chlorotoluene	11.366	91	416856	43.811	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	491414	44.865	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	69412	47.616	ug/l	100
82) 4-Chlorotoluene	11.457	91	467543	43.256	ug/l	100
83) tert-Butylbenzene	11.719	119	489990	46.094	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	497389	45.098	ug/l	100
85) sec-Butylbenzene	11.890	105	621149	45.157	ug/l	100
86) p-Isopropyltoluene	12.012	119	503169	46.248	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	268146	47.941	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	270654	47.710	ug/l	100
89) n-Butylbenzene	12.335	91	467575	46.001	ug/l	100
90) Hexachloroethane	12.542	117	81723	49.602	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	268724	48.114	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	49437	42.891	ug/l	100
93) 1,2,4-Trichlorobenzene	13.591	180	161951	49.960	ug/l	100
94) Hexachlorobutadiene	13.725	225	57772	49.468	ug/l	100
95) Naphthalene	13.780	128	680864	49.810	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	167511	50.966	ug/l	100

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

