

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028885.D
 Acq On : 21 May 2022 05:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 21 06:11:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/23/2022
 Supervised By :Semsettin Yesilyurt 05/23/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	264811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	447115	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	402458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	199187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	189009	52.069	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.140%			
35) Dibromofluoromethane	5.391	113	151062	51.567	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.140%			
50) Toluene-d8	8.653	98	539482	48.846	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.700%			
62) 4-Bromofluorobenzene	11.079	95	213158	51.672	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.340%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	165052	47.600	ug/l	99
3) Chloromethane	1.288	50	143054	43.808	ug/l	98
4) Vinyl Chloride	1.374	62	158566	45.059	ug/l	98
5) Bromomethane	1.611	94	114519	45.524	ug/l	100
6) Chloroethane	1.685	64	100567	45.153	ug/l	98
7) Trichlorofluoromethane	1.886	101	252617	45.025	ug/l	96
8) Diethyl Ether	2.136	74	92335	45.166	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	137297	46.502	ug/l	98
10) Methyl Iodide	2.453	142	156806	44.361	ug/l	93
11) Tert butyl alcohol	3.014	59	203031m	264.003	ug/l	
12) 1,1-Dichloroethene	2.319	96	129842	47.376	ug/l	99
13) Acrolein	2.239	56	118759	199.323	ug/l	99
14) Allyl chloride	2.666	41	207242	47.147	ug/l	93
15) Acrylonitrile	3.069	53	420227	240.278	ug/l	99
16) Acetone	2.386	43	369750	237.341	ug/l	92
17) Carbon Disulfide	2.514	76	301288	42.408	ug/l	99
18) Methyl Acetate	2.703	43	195709	50.157	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	506902	52.120	ug/l	98
20) Methylene Chloride	2.788	84	152890	46.779	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	145978	47.287	ug/l	99
22) Diisopropyl ether	3.764	45	461479	49.127	ug/l	92
23) Vinyl Acetate	3.721	43	2022706	249.781	ug/l	97
24) 1,1-Dichloroethane	3.611	63	271500	49.717	ug/l	100
25) 2-Butanone	4.562	43	584356	238.964	ug/l	98
26) 2,2-Dichloropropane	4.477	77	163625	38.214	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	176205	48.871	ug/l	98
28) Bromochloromethane	4.904	49	110337	48.001	ug/l	100
29) Tetrahydrofuran	5.007	42	377410	237.436	ug/l	94
30) Chloroform	5.099	83	300967	50.923	ug/l	98
31) Cyclohexane	5.477	56	228542	45.359	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	266479	51.647	ug/l	99
36) 1,1-Dichloropropene	5.696	75	208613	47.412	ug/l	100
37) Ethyl Acetate	4.715	43	226306	49.243	ug/l	99
38) Carbon Tetrachloride	5.678	117	230880	52.141	ug/l	98
39) Methylcyclohexane	7.385	83	238874	47.340	ug/l	99
40) Benzene	6.044	78	609645	48.211	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	124052	50.344	ug/l	93
42) 1,2-Dichloroethane	6.092	62	238534	51.140	ug/l	98
43) Isopropyl Acetate	6.342	43	359601	50.016	ug/l	97
44) Trichloroethene	7.129	130	173539	50.602	ug/l	94
45) 1,2-Dichloropropane	7.434	63	155110	49.163	ug/l	97
46) Dibromomethane	7.580	93	117285	49.779	ug/l	95
47) Bromodichloromethane	7.824	83	228038	52.131	ug/l	98
48) Methyl methacrylate	7.696	41	178073	51.272	ug/l	90
49) 1,4-Dioxane	7.684	88	78602	905.910	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	1146144	242.018	ug/l	96
52) Toluene	8.720	92	394539	48.502	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	225923	45.036	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	243347	49.440	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	166024	50.052	ug/l	99
56) Ethyl methacrylate	9.116	69	262242	52.208	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	276687	49.456	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	573525	233.214	ug/l	98
59) 2-Hexanone	9.433	43	875228	237.875	ug/l	93
60) Dibromochloromethane	9.525	129	174218	53.855	ug/l	96
61) 1,2-Dibromoethane	9.610	107	175847	50.475	ug/l	99
64) Tetrachloroethene	9.275	164	149377	49.150	ug/l	97
65) Chlorobenzene	10.079	112	428018	50.131	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	165001	54.556	ug/l	99
67) Ethyl Benzene	10.195	91	769152	50.260	ug/l	99
68) m/p-Xylenes	10.305	106	590239	99.067	ug/l	96
69) o-Xylene	10.640	106	295319	50.345	ug/l	97
70) Styrene	10.659	104	491685	51.615	ug/l	97
71) Bromoform	10.799	173	121633	48.585	ug/l	98
73) Isopropylbenzene	10.963	105	777553	51.475	ug/l	98
74) N-amyl acetate	10.848	43	294959	49.675	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	255985	49.398	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	235936m	50.578	ug/l	
77) Bromobenzene	11.201	156	185020	51.767	ug/l	96
78) n-propylbenzene	11.305	91	879001	50.307	ug/l	100
79) 2-Chlorotoluene	11.366	91	545290	50.918	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	654146	51.972	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	63847	41.541	ug/l #	86
82) 4-Chlorotoluene	11.457	91	623766	50.383	ug/l	98
83) tert-Butylbenzene	11.713	119	659673	54.132	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	656185	51.989	ug/l	99
85) sec-Butylbenzene	11.890	105	784681	52.201	ug/l	100
86) p-Isopropyltoluene	12.012	119	665816	52.785	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	346316	49.401	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	352834	48.523	ug/l	98
89) n-Butylbenzene	12.335	91	550643	50.383	ug/l	99
90) Hexachloroethane	12.542	117	108932	53.403	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	346783	50.355	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	60444	54.626	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	212153	53.338	ug/l	99
94) Hexachlorobutadiene	13.725	225	86430	53.487	ug/l	94
95) Naphthalene	13.774	128	783883	55.382	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	217765	54.510	ug/l	95

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

