

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029564.D
 Acq On : 18 Jun 2022 12:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 20 01:32:20 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/23/2022
 Supervised By :Mahesh Dadoda 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	247793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	422542	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	380261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	183304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	162298	49.480	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.960%		
35) Dibromofluoromethane	5.385	113	140310	50.954	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.900%		
50) Toluene-d8	8.653	98	513632	51.059	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.120%		
62) 4-Bromofluorobenzene	11.079	95	197861	52.157	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	151670	50.542	ug/l	96
3) Chloromethane	1.288	50	148736	46.008	ug/l	99
4) Vinyl Chloride	1.374	62	143186	48.107	ug/l	98
5) Bromomethane	1.612	94	71229	46.907	ug/l	98
6) Chloroethane	1.685	64	83573	46.140	ug/l	96
7) Trichlorofluoromethane	1.886	101	199663	48.150	ug/l	97
8) Diethyl Ether	2.130	74	84834	51.929	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	128087	49.261	ug/l	98
10) Methyl Iodide	2.453	142	125761	42.885	ug/l	97
11) Tert butyl alcohol	2.989	59	183472	256.932	ug/l	97
12) 1,1-Dichloroethene	2.319	96	122509	48.801	ug/l	96
13) Acrolein	2.240	56	44550	246.557	ug/l	98
14) Allyl chloride	2.660	41	203866	50.297	ug/l	95
15) Acrylonitrile	3.069	53	400368	260.958	ug/l	100
16) Acetone	2.386	43	312803	239.253	ug/l	98
17) Carbon Disulfide	2.508	76	317405	48.770	ug/l	100
18) Methyl Acetate	2.703	43	174998	50.625	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	461050	52.901	ug/l	100
20) Methylene Chloride	2.788	84	144063	49.473	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	136485	49.743	ug/l	98
22) Diisopropyl ether	3.764	45	406329	50.676	ug/l	98
23) Vinyl Acetate	3.721	43	1787148	266.985	ug/l	99
24) 1,1-Dichloroethane	3.611	63	237441	49.241	ug/l	98
25) 2-Butanone	4.556	43	528423	255.698	ug/l	98
26) 2,2-Dichloropropane	4.477	77	183106	48.788	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	159618	49.794	ug/l	96
28) Bromochloromethane	4.898	49	94625	51.362	ug/l	99
29) Tetrahydrofuran	5.007	42	356326	258.720	ug/l	94
30) Chloroform	5.093	83	256215	50.209	ug/l	97
31) Cyclohexane	5.471	56	212632	48.285	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	218968	48.648	ug/l	98
36) 1,1-Dichloropropene	5.696	75	181112	48.596	ug/l	98
37) Ethyl Acetate	4.715	43	205862	53.888	ug/l	99
38) Carbon Tetrachloride	5.678	117	183281	50.009	ug/l	96
39) Methylcyclohexane	7.379	83	234423	50.451	ug/l	96
40) Benzene	6.038	78	561981	50.870	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	109764	54.536	ug/l	97
42) 1,2-Dichloroethane	6.086	62	193773	51.024	ug/l	98
43) Isopropyl Acetate	6.342	43	318697	53.649	ug/l	99
44) Trichloroethene	7.129	130	154854	49.454	ug/l	98
45) 1,2-Dichloropropane	7.428	63	140976	52.032	ug/l	96
46) Dibromomethane	7.580	93	104107	53.460	ug/l	94
47) Bromodichloromethane	7.824	83	198442	52.882	ug/l	99
48) Methyl methacrylate	7.696	41	155228	53.295	ug/l	94
49) 1,4-Dioxane	7.684	88	79413	1057.509	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1006170	262.786	ug/l	98
52) Toluene	8.720	92	360052	50.897	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	211553	55.789	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	233359	54.957	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	150726	52.696	ug/l	99
56) Ethyl methacrylate	9.116	69	242534	56.129	ug/l	97
57) 1,3-Dichloropropane	9.311	76	250352	52.554	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	533282	262.667	ug/l	96
59) 2-Hexanone	9.433	43	770205	265.646	ug/l	98
60) Dibromochloromethane	9.519	129	154244	55.544	ug/l	94
61) 1,2-Dibromoethane	9.610	107	162401	54.765	ug/l	99
64) Tetrachloroethene	9.275	164	140763	51.187	ug/l	97
65) Chlorobenzene	10.080	112	385443	51.669	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	143167	53.439	ug/l	98
67) Ethyl Benzene	10.195	91	683663	50.934	ug/l	98
68) m/p-Xylenes	10.305	106	532108	101.655	ug/l	99
69) o-Xylene	10.640	106	264257	51.098	ug/l	99
70) Styrene	10.659	104	445088	52.564	ug/l	99
71) Bromoform	10.799	173	106554	56.095	ug/l #	99
73) Isopropylbenzene	10.964	105	681026	49.551	ug/l	99
74) N-amyl acetate	10.842	43	258255	54.103	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	225821	50.821	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	211599m	52.989	ug/l	
77) Bromobenzene	11.201	156	160087	51.036	ug/l	97
78) n-propylbenzene	11.305	91	784289	50.667	ug/l	100
79) 2-Chlorotoluene	11.366	91	472560	49.303	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	577296	49.876	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	66809	55.658	ug/l	94
82) 4-Chlorotoluene	11.457	91	542779	49.658	ug/l	100
83) tert-Butylbenzene	11.713	119	563641	49.943	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	577360	50.014	ug/l	99
85) sec-Butylbenzene	11.890	105	712977	50.975	ug/l	100
86) p-Isopropyltoluene	12.012	119	601549	51.365	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	307219	51.415	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	301198	50.486	ug/l	98
89) n-Butylbenzene	12.335	91	518849	52.493	ug/l	99
90) Hexachloroethane	12.543	117	90718	54.097	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	300673	51.191	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	51129	51.930	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	191161	53.371	ug/l	98
94) Hexachlorobutadiene	13.725	225	75102	51.214	ug/l	94
95) Naphthalene	13.774	128	696398	54.162	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	189766	52.900	ug/l	96

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

