

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029135.D
 Acq On : 02 Jun 2022 14:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 03 04:31:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/03/2022
 Supervised By :Semsettin Yesilyurt 06/03/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	228657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	377657	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	356763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	136099	52.784	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.560%			
35) Dibromofluoromethane	5.385	113	114628	45.696	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 91.400%			
50) Toluene-d8	8.653	98	429206	46.782	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 93.560%			
62) 4-Bromofluorobenzene	11.079	95	172344	48.596	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	122879	61.806	ug/l	98
3) Chloromethane	1.288	50	109362	52.570	ug/l	98
4) Vinyl Chloride	1.374	62	120159	52.524	ug/l	100
5) Bromomethane	1.599	94	50944	48.238	ug/l	98
6) Chloroethane	1.678	64	79204	47.632	ug/l	97
7) Trichlorofluoromethane	1.880	101	201048	56.545	ug/l	99
8) Diethyl Ether	2.136	74	69478	50.987	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	119806	56.815	ug/l	98
10) Methyl Iodide	2.447	142	123448	47.945	ug/l	96
11) Tert butyl alcohol	2.971	59	141132	236.280	ug/l	99
12) 1,1-Dichloroethene	2.319	96	112316	54.499	ug/l	96
13) Acrolein	2.233	56	58607	216.553	ug/l	96
14) Allyl chloride	2.660	41	169465	54.752	ug/l	97
15) Acrylonitrile	3.062	53	346355	281.621	ug/l	99
16) Acetone	2.380	43	285059	280.757	ug/l	96
17) Carbon Disulfide	2.508	76	266407	47.131	ug/l	99
18) Methyl Acetate	2.703	43	150172	57.189	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	395027	56.496	ug/l	99
20) Methylene Chloride	2.788	84	130367	55.072	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	124880	53.712	ug/l	95
22) Diisopropyl ether	3.763	45	365141	58.983	ug/l	97
23) Vinyl Acetate	3.721	43	1547652	299.343	ug/l	98
24) 1,1-Dichloroethane	3.611	63	219686	57.357	ug/l	99
25) 2-Butanone	4.556	43	460742	281.312	ug/l	97
26) 2,2-Dichloropropane	4.477	77	142259	45.273	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	144698	52.186	ug/l	96
28) Bromochloromethane	4.897	49	82145	53.302	ug/l	98
29) Tetrahydrofuran	5.007	42	302013	287.549	ug/l	95
30) Chloroform	5.099	83	239478	56.399	ug/l	98
31) Cyclohexane	5.470	56	198153	59.113	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	208933	54.339	ug/l	99
36) 1,1-Dichloropropene	5.690	75	175302	54.312	ug/l	99
37) Ethyl Acetate	4.714	43	177081	56.610	ug/l	99
38) Carbon Tetrachloride	5.678	117	184527	50.025	ug/l	96
39) Methylcyclohexane	7.379	83	215764	54.077	ug/l	95
40) Benzene	6.037	78	513589	53.724	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	95137	56.308	ug/l	97
42) 1,2-Dichloroethane	6.086	62	183923	56.733	ug/l	100
43) Isopropyl Acetate	6.342	43	267149	54.590	ug/l	98
44) Trichloroethene	7.129	130	142691	50.354	ug/l	96
45) 1,2-Dichloropropane	7.434	63	126517	54.917	ug/l	96
46) Dibromomethane	7.580	93	95133	53.008	ug/l	95
47) Bromodichloromethane	7.824	83	183666	51.912	ug/l	99
48) Methyl methacrylate	7.696	41	135589	56.959	ug/l	93
49) 1,4-Dioxane	7.665	88	70947	973.985	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	913928	280.784	ug/l	99
52) Toluene	8.720	92	340763	53.363	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	183757	50.536	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	202025	50.780	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	140517	52.882	ug/l	96
56) Ethyl methacrylate	9.116	69	208028	55.155	ug/l	94
57) 1,3-Dichloropropane	9.311	76	228438	53.936	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	485158	271.444	ug/l	98
59) 2-Hexanone	9.433	43	715238	282.357	ug/l	96
60) Dibromochloromethane	9.525	129	143658	47.503	ug/l	96
61) 1,2-Dibromoethane	9.610	107	147932	51.474	ug/l	99
64) Tetrachloroethene	9.275	164	129522	48.217	ug/l	93
65) Chlorobenzene	10.079	112	367287	50.114	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	135440	47.940	ug/l	99
67) Ethyl Benzene	10.195	91	667081	54.170	ug/l	98
68) m/p-Xylenes	10.305	106	526209	106.401	ug/l	99
69) o-Xylene	10.640	106	259621	53.117	ug/l	100
70) Styrene	10.659	104	434949	53.471	ug/l	98
71) Bromoform	10.805	173	102736	42.121	ug/l	99
73) Isopropylbenzene	10.963	105	676893	53.677	ug/l	98
74) N-amyl acetate	10.848	43	233418	57.164	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	225502	53.045	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	204364m	53.723	ug/l	
77) Bromobenzene	11.201	156	157239	46.750	ug/l	96
78) n-propylbenzene	11.305	91	782873	55.818	ug/l	100
79) 2-Chlorotoluene	11.366	91	473626	53.425	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	585053	54.192	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	58106	44.813	ug/l	91
82) 4-Chlorotoluene	11.457	91	555296	54.718	ug/l	99
83) tert-Butylbenzene	11.719	119	572211	51.857	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	584644	54.253	ug/l	98
85) sec-Butylbenzene	11.890	105	716692	55.325	ug/l	99
86) p-Isopropyltoluene	12.012	119	611936	54.030	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	309721	48.859	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	317125	48.548	ug/l	98
89) n-Butylbenzene	12.335	91	516954	56.247	ug/l	100
90) Hexachloroethane	12.542	117	96319	46.774	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	308314	49.375	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	48137	50.714	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	189307	48.615	ug/l	98
94) Hexachlorobutadiene	13.725	225	77278	47.513	ug/l	96
95) Naphthalene	13.774	128	674540	54.170	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	188137	48.926	ug/l	96

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

