

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060822\
 Data File : VX029313.D
 Acq On : 08 Jun 2022 11:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/09/2022
 Supervised By : Mahesh Dadoda 06/09/2022

Quant Time: Jun 08 16:25:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	175016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	281201	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	296500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140002	52.643	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.280%			
35) Dibromofluoromethane	5.385	113	121393	50.779	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.560%			
50) Toluene-d8	8.653	98	419747	49.645	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.300%			
62) 4-Bromofluorobenzene	11.079	95	173308	52.379	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	143696	51.721	ug/l	99
3) Chloromethane	1.288	50	144273	48.656	ug/l	100
4) Vinyl Chloride	1.374	62	156995	51.016	ug/l	99
5) Bromomethane	1.605	94	75136	45.584	ug/l	98
6) Chloroethane	1.685	64	98509	79.860	ug/l	100
7) Trichlorofluoromethane	1.886	101	228872	51.035	ug/l	97
8) Diethyl Ether	2.136	74	89913	51.439	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	138263	51.152	ug/l	98
10) Methyl Iodide	2.453	142	160585	48.189	ug/l	97
11) Tert butyl alcohol	2.983	59	186125	258.915	ug/l	97
12) 1,1-Dichloroethene	2.319	96	130750	49.697	ug/l	98
13) Acrolein	2.239	56	84714	262.107	ug/l	99
14) Allyl chloride	2.666	41	219572	51.992	ug/l	96
15) Acrylonitrile	3.062	53	440540	264.568	ug/l	99
16) Acetone	2.386	43	354610	250.463	ug/l	94
17) Carbon Disulfide	2.508	76	329698	50.912	ug/l	99
18) Methyl Acetate	2.703	43	192137	51.223	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	488501	53.787	ug/l	98
20) Methylene Chloride	2.788	84	155884	49.302	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	148430	50.266	ug/l	98
22) Diisopropyl ether	3.764	45	460149	53.977	ug/l	96
23) Vinyl Acetate	3.721	43	2004076	283.567	ug/l	98
24) 1,1-Dichloroethane	3.611	63	264163	51.375	ug/l	99
25) 2-Butanone	4.556	43	590616	263.710	ug/l	98
26) 2,2-Dichloropropane	4.477	77	203403	55.487	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	174633	49.996	ug/l	97
28) Bromochloromethane	4.904	49	109065	53.957	ug/l	96
29) Tetrahydrofuran	5.007	42	393252	269.421	ug/l	93
30) Chloroform	5.099	83	287106	51.744	ug/l	98
31) Cyclohexane	5.471	56	243393	51.300	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	249372	52.165	ug/l	98
36) 1,1-Dichloropropene	5.696	75	211146	53.467	ug/l	100
37) Ethyl Acetate	4.715	43	224459	55.063	ug/l	99
38) Carbon Tetrachloride	5.678	117	212333	52.606	ug/l	100
39) Methylcyclohexane	7.379	83	265355	54.554	ug/l	94
40) Benzene	6.037	78	619983	52.735	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	126614	58.683	ug/l	94
42) 1,2-Dichloroethane	6.086	62	221112	54.145	ug/l	100
43) Isopropyl Acetate	6.342	43	342139	55.868	ug/l	98
44) Trichloroethene	7.129	130	164950	51.534	ug/l	95
45) 1,2-Dichloropropane	7.434	63	155317	53.736	ug/l	98
46) Dibromomethane	7.580	93	113673	54.289	ug/l	93
47) Bromodichloromethane	7.824	83	219189	55.463	ug/l	98
48) Methyl methacrylate	7.696	41	173090	56.195	ug/l	92
49) 1,4-Dioxane	7.677	88	86796	1095.482	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1148379	286.526	ug/l	97
52) Toluene	8.720	92	408120	54.078	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	236517	54.909	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	254138	57.280	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	168050	55.049	ug/l	100
56) Ethyl methacrylate	9.116	69	258832	58.279	ug/l	93
57) 1,3-Dichloropropane	9.311	76	278584	54.139	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	630856	292.392	ug/l	98
59) 2-Hexanone	9.433	43	887185	291.141	ug/l	95
60) Dibromochloromethane	9.525	129	165193	55.934	ug/l	98
61) 1,2-Dibromoethane	9.610	107	177778	54.599	ug/l	99
64) Tetrachloroethene	9.275	164	137538	48.911	ug/l	96
65) Chlorobenzene	10.079	112	434007	53.097	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	157629	55.404	ug/l	99
67) Ethyl Benzene	10.195	91	780145	54.309	ug/l	100
68) m/p-Xylenes	10.305	106	617382	111.085	ug/l	100
69) o-Xylene	10.646	106	298017	55.182	ug/l	99
70) Styrene	10.659	104	508968	56.468	ug/l	99
71) Bromoform	10.799	173	114861	56.845	ug/l #	99
73) Isopropylbenzene	10.963	105	782436	52.305	ug/l	99
74) N-amyl acetate	10.842	43	288712	57.010	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	265949	52.677	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	239890m	54.050	ug/l	
77) Bromobenzene	11.201	156	179684	51.155	ug/l	94
78) n-propylbenzene	11.305	91	908746	53.535	ug/l	100
79) 2-Chlorotoluene	11.366	91	548100	52.432	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	669054	52.672	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	74308	51.977	ug/l	90
82) 4-Chlorotoluene	11.457	91	632948	52.456	ug/l	100
83) tert-Butylbenzene	11.719	119	658863	53.458	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	668603	53.328	ug/l	99
85) sec-Butylbenzene	11.890	105	814603	53.824	ug/l	100
86) p-Isopropyltoluene	12.012	119	687236	54.165	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	347438	51.829	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	352917	51.764	ug/l	98
89) n-Butylbenzene	12.335	91	598539	55.953	ug/l	99
90) Hexachloroethane	12.542	117	108911	53.993	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	346542	52.137	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	57541	54.799	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	213996	54.547	ug/l	98
94) Hexachlorobutadiene	13.725	225	86661	53.133	ug/l	93
95) Naphthalene	13.774	128	784688	56.671	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	214789	54.906	ug/l	94

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

