

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029229.D
 Acq On : 06 Jun 2022 11:00
 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 06/07/2022
 Supervised By : Mahesh Dadoda 06/07/2022

Quant Time: Jun 07 06:02:04 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	275712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	459436	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	421666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	216244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	165703	53.297	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.600%			
35) Dibromofluoromethane	5.385	113	146566	48.028	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.060%			
50) Toluene-d8	8.647	98	526308	47.155	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 94.300%			
62) 4-Bromofluorobenzene	11.079	95	208717	48.377	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	131162	54.713	ug/l	99
3) Chloromethane	1.294	50	127473	50.819	ug/l	99
4) Vinyl Chloride	1.373	62	138347	50.154	ug/l	97
5) Bromomethane	1.605	94	62454	49.118	ug/l	100
6) Chloroethane	1.684	64	90444	44.584	ug/l	99
7) Trichlorofluoromethane	1.886	101	220450	51.421	ug/l	98
8) Diethyl Ether	2.136	74	87150	53.041	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	138934	54.641	ug/l	98
10) Methyl Iodide	2.453	142	155104	49.781	ug/l	97
11) Tert butyl alcohol	2.971	59	170117	236.199	ug/l	99
12) 1,1-Dichloroethene	2.318	96	131040	52.733	ug/l	95
13) Acrolein	2.233	56	72189	221.215	ug/l	97
14) Allyl chloride	2.666	41	212149	56.845	ug/l	96
15) Acrylonitrile	3.062	53	429212	289.431	ug/l	99
16) Acetone	2.379	43	333996	272.814	ug/l	98
17) Carbon Disulfide	2.514	76	314267	46.109	ug/l	100
18) Methyl Acetate	2.703	43	189598	59.880	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	483210	57.313	ug/l	98
20) Methylene Chloride	2.788	84	153353	53.726	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	146792	52.361	ug/l	98
22) Diisopropyl ether	3.757	45	434333	58.186	ug/l #	85
23) Vinyl Acetate	3.721	43	1883281	302.093	ug/l	99
24) 1,1-Dichloroethane	3.611	63	256258	55.487	ug/l	99
25) 2-Butanone	4.556	43	551806	279.412	ug/l	99
26) 2,2-Dichloropropane	4.477	77	203643	53.747	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	175719	52.558	ug/l	94
28) Bromochloromethane	4.897	49	105931	57.005	ug/l	99
29) Tetrahydrofuran	5.001	42	364905	288.134	ug/l	96
30) Chloroform	5.092	83	279832	54.655	ug/l	97
31) Cyclohexane	5.464	56	230882	57.121	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	239632	51.687	ug/l	98
36) 1,1-Dichloropropene	5.690	75	204265	52.021	ug/l	99
37) Ethyl Acetate	4.714	43	214361	56.330	ug/l	99
38) Carbon Tetrachloride	5.678	117	213106	47.490	ug/l	96
39) Methylcyclohexane	7.378	83	258748	53.307	ug/l	96
40) Benzene	6.037	78	604206	51.953	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	116522	56.690	ug/l	96
42) 1,2-Dichloroethane	6.086	62	209920	53.226	ug/l	99
43) Isopropyl Acetate	6.342	43	325430	54.662	ug/l	99
44) Trichloroethene	7.122	130	168313	48.802	ug/l	96
45) 1,2-Dichloropropane	7.433	63	153343	54.714	ug/l	97
46) Dibromomethane	7.580	93	111648	51.137	ug/l	93
47) Bromodichloromethane	7.824	83	216638	50.333	ug/l	99
48) Methyl methacrylate	7.696	41	163493	56.456	ug/l	94
49) 1,4-Dioxane	7.665	88	81900	924.218	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	1062229	268.257	ug/l	98
52) Toluene	8.720	92	392080	50.470	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	228798	51.723	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	253828	52.444	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	164667	50.940	ug/l	99
56) Ethyl methacrylate	9.116	69	251951	54.910	ug/l	96
57) 1,3-Dichloropropane	9.311	76	271361	52.666	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	584053	268.610	ug/l	97
59) 2-Hexanone	9.433	43	825262	267.801	ug/l	98
60) Dibromochloromethane	9.524	129	169326	46.025	ug/l	97
61) 1,2-Dibromoethane	9.610	107	174758	49.985	ug/l	99
64) Tetrachloroethene	9.274	164	154769	48.747	ug/l	95
65) Chlorobenzene	10.079	112	423290	48.866	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	159065	47.637	ug/l	99
67) Ethyl Benzene	10.195	91	758419	52.108	ug/l	97
68) m/p-Xylenes	10.305	106	594492	101.705	ug/l	99
69) o-Xylene	10.646	106	294102	50.910	ug/l	100
70) Styrene	10.658	104	494725	51.458	ug/l	98
71) Bromoform	10.799	173	120988	41.969	ug/l #	98
73) Isopropylbenzene	10.963	105	760960	52.365	ug/l	99
74) N-amyl acetate	10.841	43	274890	58.420	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	257656	52.595	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	238995m	54.520	ug/l	
77) Bromobenzene	11.201	156	180253	46.507	ug/l	96
78) n-propylbenzene	11.305	91	885718	54.801	ug/l	100
79) 2-Chlorotoluene	11.366	91	535636	52.431	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	657829	52.877	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	76467	51.177	ug/l	94
82) 4-Chlorotoluene	11.457	91	621608	53.154	ug/l	99
83) tert-Butylbenzene	11.719	119	639146	50.265	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	660966	53.227	ug/l	99
85) sec-Butylbenzene	11.890	105	809693	54.240	ug/l	100
86) p-Isopropyltoluene	12.012	119	689768	52.850	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	352298	48.228	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	357112	47.442	ug/l	97
89) n-Butylbenzene	12.335	91	598511	56.511	ug/l	99
90) Hexachloroethane	12.542	117	110101	46.398	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	356826	49.589	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	57890	52.926	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	225779	50.315	ug/l	98
94) Hexachlorobutadiene	13.725	225	94009	50.193	ug/l	94
95) Naphthalene	13.774	128	793554	55.303	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	222371	50.183	ug/l	96

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

