

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062122\
 Data File : VX029683.D
 Acq On : 21 Jun 2022 23:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/22/2022
 Supervised By : Mahesh Dadoda 06/23/2022

Quant Time: Jun 22 01:14:30 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	219835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	384918	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	343467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	141352	48.574	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.140%		
35) Dibromofluoromethane	5.391	113	128882	51.379	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.760%		
50) Toluene-d8	8.653	98	471658	51.469	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.940%		
62) 4-Bromofluorobenzene	11.085	95	179842	52.041	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	137711	51.727	ug/l	99
3) Chloromethane	1.288	50	120656	42.069	ug/l	99
4) Vinyl Chloride	1.373	62	124377	47.103	ug/l	99
5) Bromomethane	1.605	94	37347	27.722	ug/l	100
6) Chloroethane	1.684	64	78250	49.749	ug/l	98
7) Trichlorofluoromethane	1.885	101	185321	50.375	ug/l	98
8) Diethyl Ether	2.135	74	74649	51.506	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.330	101	122202	52.975	ug/l	97
10) Methyl Iodide	2.452	142	59703	24.351	ug/l	97
11) Tert butyl alcohol	2.977	59	167160	264.118	ug/l	97
12) 1,1-Dichloroethene	2.318	96	119422	53.621	ug/l	94
13) Acrolein	2.239	56	31801	198.382	ug/l	100
14) Allyl chloride	2.666	41	184006	51.171	ug/l	94
15) Acrylonitrile	3.068	53	371423	272.880	ug/l	98
16) Acetone	2.385	43	289817	249.863	ug/l	98
17) Carbon Disulfide	2.513	76	294533	51.012	ug/l	98
18) Methyl Acetate	2.702	43	165592	53.996	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	407643	52.722	ug/l	100
20) Methylene Chloride	2.788	84	132317	51.218	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	127927	52.553	ug/l	97
22) Diisopropyl ether	3.763	45	366898	51.578	ug/l	92
23) Vinyl Acetate	3.727	43	1588296	267.454	ug/l	100
24) 1,1-Dichloroethane	3.611	63	223864	52.329	ug/l	100
25) 2-Butanone	4.562	43	485092	264.584	ug/l	98
26) 2,2-Dichloropropane	4.483	77	143701	43.158	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	150841	53.041	ug/l	93
28) Bromochloromethane	4.903	49	80974	49.542	ug/l	97
29) Tetrahydrofuran	5.007	42	324583	265.645	ug/l	96
30) Chloroform	5.098	83	235844	52.095	ug/l	100
31) Cyclohexane	5.476	56	200684	51.368	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	205477	51.457	ug/l	98
36) 1,1-Dichloropropene	5.702	75	170833	50.318	ug/l	98
37) Ethyl Acetate	4.720	43	186016	53.453	ug/l	99
38) Carbon Tetrachloride	5.677	117	173767	52.047	ug/l	97
39) Methylcyclohexane	7.384	83	219662	51.895	ug/l	97
40) Benzene	6.043	78	527402	52.406	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	99861	54.466	ug/l	96
42) 1,2-Dichloroethane	6.092	62	171255	49.503	ug/l	98
43) Isopropyl Acetate	6.342	43	285735	52.802	ug/l	99
44) Trichloroethene	7.128	130	147064	51.606	ug/l	97
45) 1,2-Dichloropropane	7.433	63	130796	52.993	ug/l	94
46) Dibromomethane	7.586	93	94594	53.323	ug/l	94
47) Bromodichloromethane	7.823	83	180229	52.723	ug/l	99
48) Methyl methacrylate	7.695	41	138034	52.024	ug/l	96
49) 1,4-Dioxane	7.671	88	76752	1121.977	ug/l	97
51) 4-Methyl-2-Pentanone	8.579	43	915118	262.367	ug/l	99
52) Toluene	8.720	92	340808	52.886	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	182487	52.828	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	204176	52.784	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	139804	53.656	ug/l	97
56) Ethyl methacrylate	9.122	69	216485	54.997	ug/l	98
57) 1,3-Dichloropropane	9.311	76	226006	52.080	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	469973	254.111	ug/l	96
59) 2-Hexanone	9.433	43	710992	269.192	ug/l	98
60) Dibromochloromethane	9.524	129	139132	54.999	ug/l	96
61) 1,2-Dibromoethane	9.610	107	146868	54.368	ug/l	99
64) Tetrachloroethene	9.274	164	127545	51.349	ug/l	97
65) Chlorobenzene	10.079	112	362337	53.775	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.164	131	127000	52.482	ug/l	99
67) Ethyl Benzene	10.195	91	641442	52.908	ug/l	99
68) m/p-Xylenes	10.305	106	505778	106.976	ug/l	99
69) o-Xylene	10.646	106	250670	53.663	ug/l	99
70) Styrene	10.658	104	424583	55.514	ug/l	99
71) Bromoform	10.798	173	96217	56.079	ug/l	100
73) Isopropylbenzene	10.963	105	643827	49.744	ug/l	100
74) N-amyl acetate	10.847	43	232278	51.673	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	217203	51.907	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	188417m	50.104	ug/l	
77) Bromobenzene	11.201	156	152621	51.667	ug/l	97
78) n-propylbenzene	11.304	91	737370	50.584	ug/l	100
79) 2-Chlorotoluene	11.365	91	443987	49.189	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	549230	50.388	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	53480	47.311	ug/l	95
82) 4-Chlorotoluene	11.457	91	515797	50.110	ug/l	100
83) tert-Butylbenzene	11.719	119	540252	50.834	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	546927	50.310	ug/l	100
85) sec-Butylbenzene	11.890	105	678121	51.484	ug/l	100
86) p-Isopropyltoluene	12.012	119	564682	51.201	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	289469	51.443	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	291133	51.819	ug/l	98
89) n-Butylbenzene	12.335	91	471470	50.652	ug/l	99
90) Hexachloroethane	12.542	117	83245	52.713	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	289610	52.359	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	47180	50.885	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	182896	54.223	ug/l	98
94) Hexachlorobutadiene	13.725	225	69052	50.002	ug/l	96
95) Naphthalene	13.780	128	669863	55.322	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	180775	53.513	ug/l	95

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

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