

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030222\
 Data File : VX027263.D
 Acq On : 02 Mar 2022 12:39
 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 03/03/2022
 Supervised By : Mahesh Dadoda 03/03/2022

Quant Time: Mar 03 00:04:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	72469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	116205	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	107169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	42325	48.629	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.260%		
35) Dibromofluoromethane	5.391	113	35715	49.515	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.020%		
50) Toluene-d8	8.653	98	131925	48.915	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.820%		
62) 4-Bromofluorobenzene	11.079	95	52265	50.485	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	32285	44.818	ug/l	99
3) Chloromethane	1.294	50	27452	40.768	ug/l	100
4) Vinyl Chloride	1.374	62	27212	40.571	ug/l	97
5) Bromomethane	1.599	94	12676	43.147	ug/l	99
6) Chloroethane	1.678	64	17485	42.453	ug/l	99
7) Trichlorofluoromethane	1.886	101	48876	46.853	ug/l	100
8) Diethyl Ether	2.136	74	15974	43.994	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	35178	48.406	ug/l	96
10) Methyl Iodide	2.453	142	29866	30.606	ug/l	95
11) Tert butyl alcohol	2.971	59	40921	241.647	ug/l	96
12) 1,1-Dichloroethene	2.318	96	33763	47.856	ug/l	87
13) Acrolein	2.239	56	39725	253.796	ug/l	98
14) Allyl chloride	2.666	41	58885	47.405	ug/l	95
15) Acrylonitrile	3.068	53	108753	250.273	ug/l	98
16) Acetone	2.386	43	86830	227.222	ug/l	95
17) Carbon Disulfide	2.514	76	82985	45.236	ug/l	99
18) Methyl Acetate	2.709	43	47076	47.728	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	119350	49.301	ug/l	100
20) Methylene Chloride	2.794	84	38203	48.233	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	37016	49.198	ug/l	92
22) Diisopropyl ether	3.763	45	117142	48.374	ug/l	98
23) Vinyl Acetate	3.727	43	512731	250.737	ug/l	96
24) 1,1-Dichloroethane	3.611	63	66960	48.914	ug/l	98
25) 2-Butanone	4.556	43	148057	243.287	ug/l	95
26) 2,2-Dichloropropane	4.483	77	49589	49.934	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	44163	50.613	ug/l	93
28) Bromochloromethane	4.897	49	26955	48.672	ug/l	87
29) Tetrahydrofuran	5.007	42	94254	231.407	ug/l	95
30) Chloroform	5.098	83	69031	48.550	ug/l	100
31) Cyclohexane	5.470	56	59980	46.015	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	61309	49.810	ug/l	99
36) 1,1-Dichloropropene	5.696	75	50547	48.017	ug/l	97
37) Ethyl Acetate	4.714	43	55426	47.955	ug/l	97
38) Carbon Tetrachloride	5.678	117	54722	49.841	ug/l	98
39) Methylcyclohexane	7.379	83	62787	47.948	ug/l	98
40) Benzene	6.037	78	149269	48.488	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	30361	47.885	ug/l	95
42) 1,2-Dichloroethane	6.092	62	54354	49.770	ug/l	98
43) Isopropyl Acetate	6.342	43	87095	48.984	ug/l	96
44) Trichloroethene	7.129	130	43622	47.369	ug/l	96
45) 1,2-Dichloropropane	7.433	63	37161	49.405	ug/l	98
46) Dibromomethane	7.580	93	26968	49.917	ug/l	93
47) Bromodichloromethane	7.824	83	53048	50.307	ug/l	100
48) Methyl methacrylate	7.696	41	42635	49.539	ug/l	94
49) 1,4-Dioxane	7.659	88	19285	991.189	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	293834	254.260	ug/l	98
52) Toluene	8.720	92	101565	51.524	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	54722	46.107	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	60936	51.769	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	40326	51.650	ug/l	98
56) Ethyl methacrylate	9.116	69	62013	51.016	ug/l	93
57) 1,3-Dichloropropane	9.311	76	65961	50.793	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	151300	258.226	ug/l	95
59) 2-Hexanone	9.433	43	219478	248.487	ug/l	96
60) Dibromochloromethane	9.525	129	43159	53.287	ug/l	99
61) 1,2-Dibromoethane	9.610	107	42520	51.138	ug/l	99
64) Tetrachloroethene	9.275	164	44401	45.793	ug/l	96
65) Chlorobenzene	10.079	112	111489	51.034	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	41020	51.778	ug/l	98
67) Ethyl Benzene	10.195	91	197668	51.543	ug/l	98
68) m/p-Xylenes	10.305	106	149041	101.090	ug/l	97
69) o-Xylene	10.646	106	74265	50.189	ug/l	95
70) Styrene	10.658	104	125940	52.014	ug/l	97
71) Bromoform	10.799	173	31867	46.844	ug/l #	98
73) Isopropylbenzene	10.963	105	194160	51.045	ug/l	98
74) N-amyl acetate	10.841	43	75328	52.049	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	57146	50.865	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	55175m	51.531	ug/l	
77) Bromobenzene	11.201	156	47862	50.447	ug/l	94
78) n-propylbenzene	11.305	91	218745	50.598	ug/l	98
79) 2-Chlorotoluene	11.366	91	134659	50.830	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	164420	51.407	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	16360	45.220	ug/l	91
82) 4-Chlorotoluene	11.457	91	153278	50.647	ug/l	96
83) tert-Butylbenzene	11.713	119	161439	51.909	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	167041	52.505	ug/l	98
85) sec-Butylbenzene	11.890	105	209744	53.786	ug/l	98
86) p-Isopropyltoluene	12.012	119	180168	54.195	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	91377	51.184	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	90741	49.711	ug/l	98
89) n-Butylbenzene	12.335	91	145191	52.253	ug/l	99
90) Hexachloroethane	12.542	117	27197	52.814	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	88256	50.666	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13461	51.608	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	56850	51.719	ug/l	98
94) Hexachlorobutadiene	13.725	225	23484	51.460	ug/l	98
95) Naphthalene	13.780	128	195049	52.219	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	58174	52.799	ug/l	98

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

