

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020222\
 Data File : VX026725.D
 Acq On : 02 Feb 2022 09:58
 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 02/03/2022
 Supervised By : Mahesh Dadoda 02/04/2022

Quant Time: Feb 03 03:05:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	93093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	146686	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	53213	40.919	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	81.840%		
35) Dibromofluoromethane	5.385	113	43421	45.839	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.680%		
50) Toluene-d8	8.647	98	159882	46.838	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.680%		
62) 4-Bromofluorobenzene	11.079	95	58381	48.145	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	46877	42.644	ug/l	99
3) Chloromethane	1.294	50	44992	44.647	ug/l	99
4) Vinyl Chloride	1.380	62	47831	45.207	ug/l	98
5) Bromomethane	1.618	94	21112	43.256	ug/l	99
6) Chloroethane	1.691	64	23163	43.294	ug/l	99
7) Trichlorofluoromethane	1.892	101	74669	44.700	ug/l	99
8) Diethyl Ether	2.136	74	28450	48.131	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	51064	50.162	ug/l	99
10) Methyl Iodide	2.459	142	64115	57.750	ug/l	97
11) Tert butyl alcohol	3.026	59	41368	228.672	ug/l #	75
12) 1,1-Dichloroethene	2.325	96	46707	48.041	ug/l	89
13) Acrolein	2.239	56	54005	280.938	ug/l	99
14) Allyl chloride	2.666	41	87203	48.773	ug/l	96
15) Acrylonitrile	3.062	53	146132	262.412	ug/l	99
16) Acetone	2.386	43	153642	231.677	ug/l	97
17) Carbon Disulfide	2.514	76	113018	39.816	ug/l	99
18) Methyl Acetate	2.703	43	68037	51.605	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	171920	48.734	ug/l	99
20) Methylene Chloride	2.794	84	55311	50.480	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	51371	48.808	ug/l	97
22) Diisopropyl ether	3.757	45	181367	49.939	ug/l	95
23) Vinyl Acetate	3.721	43	754555	252.399	ug/l	99
24) 1,1-Dichloroethane	3.611	63	97112	49.512	ug/l	99
25) 2-Butanone	4.556	43	216765	251.340	ug/l	99
26) 2,2-Dichloropropane	4.477	77	74969	51.565	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	61483	51.184	ug/l	97
28) Bromochloromethane	4.898	49	40713	50.551	ug/l	97
29) Tetrahydrofuran	5.001	42	128712	251.284	ug/l	98
30) Chloroform	5.093	83	101686	49.896	ug/l	99
31) Cyclohexane	5.471	56	86212	44.946	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	88824	49.551	ug/l	99
36) 1,1-Dichloropropene	5.696	75	73276	49.002	ug/l	98
37) Ethyl Acetate	4.715	43	77559	51.273	ug/l	99
38) Carbon Tetrachloride	5.678	117	78233	50.861	ug/l	99
39) Methylcyclohexane	7.379	83	91625	50.798	ug/l	98
40) Benzene	6.038	78	215859	52.225	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	45239	52.794	ug/l	98
42) 1,2-Dichloroethane	6.086	62	80262	49.632	ug/l	99
43) Isopropyl Acetate	6.336	43	129164	52.860	ug/l	99
44) Trichloroethene	7.129	130	66848	56.997	ug/l	91
45) 1,2-Dichloropropane	7.428	63	56714	54.971	ug/l	100
46) Dibromomethane	7.580	93	39764	54.675	ug/l	98
47) Bromodichloromethane	7.818	83	81496	55.459	ug/l	99
48) Methyl methacrylate	7.690	41	63560	52.488	ug/l	96
49) 1,4-Dioxane	7.696	88	17269	868.987	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	383340	264.495	ug/l	98
52) Toluene	8.720	92	140040	55.251	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	82738	52.570	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	91853	58.197	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	57544	58.178	ug/l	98
56) Ethyl methacrylate	9.116	69	86945	57.358	ug/l	96
57) 1,3-Dichloropropane	9.305	76	96319	56.168	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	213978	269.211	ug/l	98
59) 2-Hexanone	9.433	43	292574	263.752	ug/l	98
60) Dibromochloromethane	9.519	129	61534	59.700	ug/l	99
61) 1,2-Dibromoethane	9.610	107	58775	57.026	ug/l	100
64) Tetrachloroethene	9.275	164	74607	59.599	ug/l	92
65) Chlorobenzene	10.079	112	149984	53.746	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	57454	55.409	ug/l	99
67) Ethyl Benzene	10.195	91	268051	52.858	ug/l	98
68) m/p-Xylenes	10.305	106	205329	108.194	ug/l	97
69) o-Xylene	10.640	106	100465	54.862	ug/l	96
70) Styrene	10.659	104	165854	55.504	ug/l	98
71) Bromoform	10.799	173	39992	50.372	ug/l #	98
73) Isopropylbenzene	10.963	105	265412	53.739	ug/l	98
74) N-amyl acetate	10.842	43	100692	52.810	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	64615	48.742	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	69752m	52.578	ug/l	
77) Bromobenzene	11.201	156	61044	53.952	ug/l	96
78) n-propylbenzene	11.305	91	305226	54.195	ug/l	99
79) 2-Chlorotoluene	11.366	91	177892	52.087	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	219678	53.952	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21681	51.398	ug/l	92
82) 4-Chlorotoluene	11.457	91	204374	52.067	ug/l	97
83) tert-Butylbenzene	11.713	119	200079	52.638	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	217713	53.459	ug/l	98
85) sec-Butylbenzene	11.890	105	273486	55.625	ug/l	100
86) p-Isopropyltoluene	12.012	119	232037	56.253	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	114237	53.865	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	114586	53.380	ug/l	98
89) n-Butylbenzene	12.335	91	199190	56.272	ug/l	99
90) Hexachloroethane	12.542	117	36000	52.198	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	109735	54.753	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15817	49.367	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	73031	56.836	ug/l	100
94) Hexachlorobutadiene	13.725	225	31468	58.014	ug/l	98
95) Naphthalene	13.774	128	236194	55.109	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	71098	56.263	ug/l	99

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

