

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
 Data File : VX026341.D
 Acq On : 05 Jan 2022 22:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/06/2022
 Supervised By : Mahesh Dadoda 01/07/2022

Quant Time: Jan 06 03:13:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	107971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	183674	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	76251	48.816	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.640%		
35) Dibromofluoromethane	5.391	113	56687	47.472	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.940%		
50) Toluene-d8	8.653	98	203853	45.895	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.800%#		
62) 4-Bromofluorobenzene	11.079	95	80853	51.134	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	55605	49.035	ug/l	98
3) Chloromethane	1.294	50	51545	39.050	ug/l	97
4) Vinyl Chloride	1.380	62	57885	41.669	ug/l	99
5) Bromomethane	1.617	94	24895	29.038	ug/l	97
6) Chloroethane	1.691	64	32479	33.249	ug/l	99
7) Trichlorofluoromethane	1.892	101	90978	38.019	ug/l	97
8) Diethyl Ether	2.136	74	35513	43.199	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	59491	47.157	ug/l	99
10) Methyl Iodide	2.459	142	61740	37.844	ug/l	98
11) Tert butyl alcohol	3.007	59	74230m	237.926	ug/l	
12) 1,1-Dichloroethene	2.325	96	56557	47.304	ug/l	95
13) Acrolein	2.239	56	25050	224.541	ug/l	100
14) Allyl chloride	2.672	41	108421	45.888	ug/l	97
15) Acrylonitrile	3.068	53	178350	230.892	ug/l	99
16) Acetone	2.386	43	171669	202.840	ug/l	95
17) Carbon Disulfide	2.520	76	154078	44.903	ug/l	100
18) Methyl Acetate	2.709	43	128503	46.810	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	216275	51.789	ug/l	98
20) Methylene Chloride	2.794	84	63370	46.767	ug/l	97
21) trans-1,2-Dichloroethene	3.099	96	61281	46.984	ug/l	93
22) Diisopropyl ether	3.763	45	216736	48.060	ug/l	99
23) Vinyl Acetate	3.727	43	865763	241.770	ug/l	98
24) 1,1-Dichloroethane	3.617	63	118430	48.459	ug/l	99
25) 2-Butanone	4.562	43	265677	225.354	ug/l	97
26) 2,2-Dichloropropane	4.483	77	89892	48.818	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	71957	48.493	ug/l	94
28) Bromochloromethane	4.903	49	49363	45.571	ug/l	94
29) Tetrahydrofuran	5.013	42	169261	227.784	ug/l	96
30) Chloroform	5.099	83	123177	47.652	ug/l	99
31) Cyclohexane	5.477	56	106755	47.991	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	111761	49.734	ug/l	99
36) 1,1-Dichloropropene	5.702	75	89691	46.569	ug/l	98
37) Ethyl Acetate	4.721	43	103571	46.378	ug/l	99
38) Carbon Tetrachloride	5.684	117	96204	44.905	ug/l	97
39) Methylcyclohexane	7.385	83	103222	47.512	ug/l	94
40) Benzene	6.044	78	251844	45.816	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	60636	48.083	ug/l	93
42) 1,2-Dichloroethane	6.092	62	103110	46.350	ug/l	98
43) Isopropyl Acetate	6.342	43	172836	47.488	ug/l	98
44) Trichloroethene	7.129	130	74459	50.341	ug/l	91
45) 1,2-Dichloropropane	7.434	63	65258	46.415	ug/l	99
46) Dibromomethane	7.586	93	46536	44.623	ug/l	99
47) Bromodichloromethane	7.824	83	93796	44.207	ug/l	98
48) Methyl methacrylate	7.696	41	84535	48.429	ug/l	92
49) 1,4-Dioxane	7.690	88	27081	841.877	ug/l	90
51) 4-Methyl-2-Pentanone	8.574	43	516145	227.883	ug/l	99
52) Toluene	8.720	92	160199	47.340	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	95058	42.424	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	103061	45.957	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	64399	46.304	ug/l	97
56) Ethyl methacrylate	9.116	69	108596	50.627	ug/l	95
57) 1,3-Dichloropropane	9.311	76	112177	47.087	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	267738	234.139	ug/l	97
59) 2-Hexanone	9.433	43	388925	226.691	ug/l	98
60) Dibromochloromethane	9.525	129	69736	44.262	ug/l	100
61) 1,2-Dibromoethane	9.610	107	68970	46.348	ug/l	99
64) Tetrachloroethene	9.275	164	77412	56.603	ug/l	98
65) Chlorobenzene	10.079	112	166536	46.778	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	64480	47.530	ug/l	99
67) Ethyl Benzene	10.195	91	309903	48.683	ug/l	97
68) m/p-Xylenes	10.305	106	235853	99.229	ug/l	95
69) o-Xylene	10.640	106	114900	49.407	ug/l	93
70) Styrene	10.659	104	194315	50.968	ug/l	97
71) Bromoform	10.799	173	46164	41.947	ug/l #	98
73) Isopropylbenzene	10.963	105	304565	51.464	ug/l	98
74) N-amyl acetate	10.848	43	138900	51.115	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	83891	41.681	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	87472m	47.598	ug/l	
77) Bromobenzene	11.201	156	71349	50.838	ug/l	94
78) n-propylbenzene	11.305	91	351333	51.634	ug/l	97
79) 2-Chlorotoluene	11.366	91	212850	50.818	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	256581	52.245	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	22810	35.909	ug/l #	83
82) 4-Chlorotoluene	11.457	91	245981	52.001	ug/l	95
83) tert-Butylbenzene	11.713	119	237269	49.775	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	254880	51.940	ug/l	97
85) sec-Butylbenzene	11.890	105	305302	51.322	ug/l	98
86) p-Isopropyltoluene	12.012	119	259632	52.354	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	131469	49.901	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	132470	46.897	ug/l	99
89) n-Butylbenzene	12.335	91	221047	50.157	ug/l	99
90) Hexachloroethane	12.542	117	38273	38.641	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	127968	46.823	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22780	44.213	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	79394	49.160	ug/l	99
94) Hexachlorobutadiene	13.725	225	32149	47.944	ug/l	98
95) Naphthalene	13.780	128	296063	50.315	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	79889	48.619	ug/l	99

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

