

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026210.D
 Acq On : 03 Jan 2022 10:51
 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 01/04/2022
 Supervised By : Mahesh Dadoda 01/04/2022

Quant Time: Jan 03 15:36:44 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	5.556	168	133761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	217683	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	102828	53.138	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.280%			
35) Dibromofluoromethane	5.391	113	74922	52.940	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.880%			
50) Toluene-d8	8.647	98	270838	51.450	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.900%			
62) 4-Bromofluorobenzene	11.079	95	101992	54.426	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	69773	49.666	ug/l	98
3) Chloromethane	1.294	50	74984	45.854	ug/l	97
4) Vinyl Chloride	1.380	62	78397	45.553	ug/l	98
5) Bromomethane	1.605	94	49229	46.351	ug/l	98
6) Chloroethane	1.685	64	52161	43.102	ug/l	100
7) Trichlorofluoromethane	1.892	101	142243	47.981	ug/l	95
8) Diethyl Ether	2.136	74	49850	48.948	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	77629	49.671	ug/l	98
10) Methyl Iodide	2.453	142	97573	48.277	ug/l	98
11) Tert butyl alcohol	2.959	59	77781	201.240	ug/l	99
12) 1,1-Dichloroethene	2.325	96	70732	47.754	ug/l	93
13) Acrolein	2.233	56	40994	296.610	ug/l	97
14) Allyl chloride	2.666	41	139820	47.767	ug/l	95
15) Acrylonitrile	3.062	53	226609	236.804	ug/l	99
16) Acetone	2.380	43	346004	330.005	ug/l	95
17) Carbon Disulfide	2.514	76	201627	47.431	ug/l	100
18) Methyl Acetate	2.703	43	159689	46.955	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	266150	51.444	ug/l	99
20) Methylene Chloride	2.794	84	80521	47.992	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	77470	47.944	ug/l	89
22) Diisopropyl ether	3.763	45	285659	51.130	ug/l	91
23) Vinyl Acetate	3.721	43	1154558	260.254	ug/l	96
24) 1,1-Dichloroethane	3.611	63	148777	49.139	ug/l	100
25) 2-Butanone	4.550	43	398988	273.180	ug/l	94
26) 2,2-Dichloropropane	4.477	77	124760	54.691	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	90960	49.481	ug/l	91
28) Bromochloromethane	4.897	49	71527	53.301	ug/l	88
29) Tetrahydrofuran	5.001	42	216596	235.285	ug/l	94
30) Chloroform	5.093	83	160270	50.047	ug/l	99
31) Cyclohexane	5.477	56	138190	50.145	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	140390	50.428	ug/l	97
36) 1,1-Dichloropropene	5.696	75	116189	50.902	ug/l	97
37) Ethyl Acetate	4.708	43	133316	50.371	ug/l	98
38) Carbon Tetrachloride	5.678	117	127313	50.141	ug/l	99
39) Methylcyclohexane	7.379	83	135373	52.576	ug/l	93
40) Benzene	6.037	78	325355	49.942	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	74801	50.048	ug/l	94
42) 1,2-Dichloroethane	6.086	62	137750	52.248	ug/l	96
43) Isopropyl Acetate	6.336	43	216288	50.142	ug/l	96
44) Trichloroethene	7.129	130	89926	51.300	ug/l	92
45) 1,2-Dichloropropane	7.427	63	85515	51.320	ug/l	97
46) Dibromomethane	7.580	93	62965	50.944	ug/l	97
47) Bromodichloromethane	7.824	83	127398	50.664	ug/l	97
48) Methyl methacrylate	7.690	41	107141	51.790	ug/l	93
49) 1,4-Dioxane	7.659	88	29933	785.159	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	661691	246.501	ug/l	97
52) Toluene	8.720	92	204373	50.959	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	135461	50.627	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	142574	53.644	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	84315	51.152	ug/l	97
56) Ethyl methacrylate	9.116	69	135268	53.209	ug/l	91
57) 1,3-Dichloropropane	9.311	76	146162	51.767	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	359128	263.699	ug/l	94
59) 2-Hexanone	9.433	43	542481	266.794	ug/l	96
60) Dibromochloromethane	9.519	129	95572	51.183	ug/l	99
61) 1,2-Dibromoethane	9.610	107	88635	50.257	ug/l	99
64) Tetrachloroethene	9.275	164	87372	53.266	ug/l	98
65) Chlorobenzene	10.079	112	213394	49.976	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	84450	51.903	ug/l	99
67) Ethyl Benzene	10.195	91	395789	51.840	ug/l	98
68) m/p-Xylenes	10.305	106	297806	104.467	ug/l	93
69) o-Xylene	10.640	106	143180	51.333	ug/l	93
70) Styrene	10.659	104	245362	53.660	ug/l	96
71) Bromoform	10.799	173	67995	51.514	ug/l	99
73) Isopropylbenzene	10.963	105	386650	49.717	ug/l	99
74) N-amyl acetate	10.841	43	184668	51.712	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	122918	46.473	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	121517m	50.317	ug/l	
77) Bromobenzene	11.195	156	91150	49.422	ug/l	94
78) n-propylbenzene	11.305	91	466967	52.223	ug/l	96
79) 2-Chlorotoluene	11.366	91	274922	49.948	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	329780	51.098	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	41104	49.240	ug/l	89
82) 4-Chlorotoluene	11.457	91	324425	52.190	ug/l	95
83) tert-Butylbenzene	11.713	119	306980	49.004	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	332878	51.619	ug/l	96
85) sec-Butylbenzene	11.890	105	404333	51.722	ug/l	98
86) p-Isopropyltoluene	12.012	119	343639	52.730	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	175525	50.697	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	178562	48.103	ug/l	99
89) n-Butylbenzene	12.335	91	307441	53.084	ug/l	98
90) Hexachloroethane	12.536	117	61028	46.886	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	171038	47.623	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	30627	45.233	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	106975	50.404	ug/l	100
94) Hexachlorobutadiene	13.725	225	43662	49.548	ug/l	99
95) Naphthalene	13.774	128	370997	47.978	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	107215	49.652	ug/l	99

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

