

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026862.D
 Acq On : 09 Feb 2022 07:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/09/2022
 Supervised By : Mahesh Dadoda 02/09/2022

Quant Time: Feb 09 08:04:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	101203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	165717	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67381	55.465	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.920%			
35) Dibromofluoromethane	5.391	113	53476	54.164	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.320%			
50) Toluene-d8	8.653	98	204571	56.447	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 112.900%#			
62) 4-Bromofluorobenzene	11.079	95	71768	56.247	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	59701	54.252	ug/l	99
3) Chloromethane	1.295	50	56828	55.512	ug/l	99
4) Vinyl Chloride	1.380	62	58353	54.452	ug/l	100
5) Bromomethane	1.618	94	26146	57.497	ug/l	99
6) Chloroethane	1.691	64	26552	44.674	ug/l	100
7) Trichlorofluoromethane	1.892	101	83876	53.186	ug/l	97
8) Diethyl Ether	2.136	74	30907	52.907	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	53800	52.046	ug/l	99
10) Methyl Iodide	2.459	142	70555	49.246	ug/l	98
11) Tert butyl alcohol	3.038	59	57530	262.137	ug/l	95
12) 1,1-Dichloroethene	2.325	96	52601	50.787	ug/l	94
13) Acrolein	2.240	56	61708	304.258	ug/l	99
14) Allyl chloride	2.666	41	94639	51.585	ug/l	97
15) Acrylonitrile	3.069	53	163826	260.494	ug/l	99
16) Acetone	2.392	43	131251	245.988	ug/l	98
17) Carbon Disulfide	2.520	76	145638	49.672	ug/l	99
18) Methyl Acetate	2.709	43	76071	49.552	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	186713	50.930	ug/l	100
20) Methylene Chloride	2.794	84	59058	51.083	ug/l	97
21) trans-1,2-Dichloroethene	3.099	96	56557	51.892	ug/l	96
22) Diisopropyl ether	3.764	45	192777	52.192	ug/l	97
23) Vinyl Acetate	3.727	43	840202	270.552	ug/l	99
24) 1,1-Dichloroethane	3.617	63	104533	52.301	ug/l	99
25) 2-Butanone	4.562	43	219102	254.869	ug/l	99
26) 2,2-Dichloropropane	4.483	77	66461	49.215	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	65218	52.117	ug/l	96
28) Bromochloromethane	4.904	49	44959	54.265	ug/l	98
29) Tetrahydrofuran	5.013	42	149028	254.998	ug/l	99
30) Chloroform	5.099	83	107648	51.839	ug/l	98
31) Cyclohexane	5.477	56	99666	51.632	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	95280	52.041	ug/l	99
36) 1,1-Dichloropropene	5.696	75	81040	52.031	ug/l	98
37) Ethyl Acetate	4.715	43	89225	50.407	ug/l	99
38) Carbon Tetrachloride	5.684	117	83793	51.303	ug/l	97
39) Methylcyclohexane	7.385	83	99739	52.217	ug/l	96
40) Benzene	6.044	78	234431	51.644	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	49999	52.117	ug/l	97
42) 1,2-Dichloroethane	6.092	62	86136	53.848	ug/l	98
43) Isopropyl Acetate	6.342	43	143773	52.790	ug/l	98
44) Trichloroethene	7.129	130	68948	50.586	ug/l	98
45) 1,2-Dichloropropane	7.434	63	59680	51.962	ug/l	99
46) Dibromomethane	7.586	93	41665	52.428	ug/l	97
47) Bromodichloromethane	7.824	83	83394	54.796	ug/l	98
48) Methyl methacrylate	7.696	41	71636	53.085	ug/l	99
49) 1,4-Dioxane	7.696	88	23254	1000.005	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	430086	260.596	ug/l	99
52) Toluene	8.720	92	150595	52.399	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	83619	50.734	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	94036	55.956	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	58709	53.959	ug/l	99
56) Ethyl methacrylate	9.116	69	94216	54.628	ug/l	96
57) 1,3-Dichloropropane	9.311	76	101760	54.465	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	221297	249.986	ug/l	99
59) 2-Hexanone	9.433	43	313774	259.927	ug/l	98
60) Dibromochloromethane	9.525	129	63025	56.296	ug/l	99
61) 1,2-Dibromoethane	9.610	107	62173	54.084	ug/l	100
64) Tetrachloroethene	9.275	164	73239	50.130	ug/l	97
65) Chlorobenzene	10.080	112	155146	51.572	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	57997	52.408	ug/l	100
67) Ethyl Benzene	10.195	91	283319	53.211	ug/l	100
68) m/p-Xylenes	10.305	106	213709	104.322	ug/l	98
69) o-Xylene	10.647	106	105039	52.328	ug/l	97
70) Styrene	10.659	104	172370	52.946	ug/l	98
71) Bromoform	10.799	173	40770	47.660	ug/l #	99
73) Isopropylbenzene	10.964	105	275456	53.499	ug/l	99
74) N-amyl acetate	10.848	43	111240	54.072	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	70718	50.612	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	73527m	51.385	ug/l	
77) Bromobenzene	11.201	156	63010	51.484	ug/l	98
78) n-propylbenzene	11.305	91	308530	54.052	ug/l	100
79) 2-Chlorotoluene	11.366	91	181991	51.602	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	224399	52.954	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21229	46.633	ug/l	93
82) 4-Chlorotoluene	11.457	91	207158	52.359	ug/l	98
83) tert-Butylbenzene	11.713	119	210990	52.240	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	223563	52.304	ug/l	98
85) sec-Butylbenzene	11.890	105	271612	53.053	ug/l	99
86) p-Isopropyltoluene	12.012	119	230058	53.043	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	115291	51.409	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	116095	51.331	ug/l	100
89) n-Butylbenzene	12.335	91	189863	53.504	ug/l	99
90) Hexachloroethane	12.543	117	35295	56.305	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	111513	51.533	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18255	53.127	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	70461	51.595	ug/l	99
94) Hexachlorobutadiene	13.725	225	28875	49.988	ug/l	99
95) Naphthalene	13.774	128	246570	51.545	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	70098	50.692	ug/l	99

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

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