

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010622\
 Data File : VX026390.D
 Acq On : 06 Jan 2022 21:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/07/2022
 Supervised By :Mahesh Dadoda 01/07/2022

Quant Time: Jan 07 04:21:03 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	105125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	175479	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71733	47.166	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.340%		
35) Dibromofluoromethane	5.391	113	54067	47.392	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.780%		
50) Toluene-d8	8.653	98	195459	46.061	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.120%		
62) 4-Bromofluorobenzene	11.085	95	71474	47.314	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	53889	48.809	ug/l	97
3) Chloromethane	1.294	50	50640	39.403	ug/l	100
4) Vinyl Chloride	1.380	62	57887	42.798	ug/l	100
5) Bromomethane	1.618	94	36083	43.228	ug/l	99
6) Chloroethane	1.691	64	32644	34.322	ug/l	99
7) Trichlorofluoromethane	1.892	101	93659	40.199	ug/l	97
8) Diethyl Ether	2.136	74	35618	44.500	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	59580	48.507	ug/l	99
10) Methyl Iodide	2.459	142	57310	36.080	ug/l	99
11) Tert butyl alcohol	2.983	59	67383	221.827	ug/l #	85
12) 1,1-Dichloroethene	2.325	96	56575	48.600	ug/l	94
13) Acrolein	2.239	56	29317	269.903	ug/l	99
14) Allyl chloride	2.666	41	109610	47.647	ug/l	97
15) Acrylonitrile	3.068	53	173847	231.155	ug/l	100
16) Acetone	2.386	43	154829	187.895	ug/l	97
17) Carbon Disulfide	2.520	76	153191	45.853	ug/l	99
18) Methyl Acetate	2.709	43	125583	46.985	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	217104	53.394	ug/l	99
20) Methylene Chloride	2.794	84	62452	47.350	ug/l	93
21) trans-1,2-Dichloroethene	3.099	96	61092	48.107	ug/l	93
22) Diisopropyl ether	3.764	45	223040	50.797	ug/l	95
23) Vinyl Acetate	3.727	43	879165	252.160	ug/l	97
24) 1,1-Dichloroethane	3.617	63	119814	50.352	ug/l	100
25) 2-Butanone	4.562	43	250661	218.373	ug/l	97
26) 2,2-Dichloropropane	4.483	77	90053	50.230	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	71592	49.553	ug/l	92
28) Bromochloromethane	4.904	49	47812	45.334	ug/l	90
29) Tetrahydrofuran	5.007	42	164287	227.076	ug/l	95
30) Chloroform	5.099	83	123840	49.205	ug/l	97
31) Cyclohexane	5.477	56	107194	49.493	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	111772	51.085	ug/l	100
36) 1,1-Dichloropropene	5.696	75	91421	49.684	ug/l	98
37) Ethyl Acetate	4.715	43	102380	47.986	ug/l	100
38) Carbon Tetrachloride	5.684	117	97161	47.469	ug/l	99
39) Methylcyclohexane	7.385	83	105186	50.677	ug/l	93
40) Benzene	6.044	78	256812	48.902	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	58166	48.278	ug/l	94
42) 1,2-Dichloroethane	6.092	62	102950	48.440	ug/l	98
43) Isopropyl Acetate	6.342	43	173015	49.757	ug/l	98
44) Trichloroethene	7.129	130	73634	52.108	ug/l	92
45) 1,2-Dichloropropane	7.434	63	67709	50.407	ug/l	94
46) Dibromomethane	7.586	93	46821	46.993	ug/l	98
47) Bromodichloromethane	7.824	83	94635	46.686	ug/l	96
48) Methyl methacrylate	7.696	41	83358	49.985	ug/l	92
49) 1,4-Dioxane	7.684	88	24304	790.832	ug/l	90
51) 4-Methyl-2-Pentanone	8.574	43	491438	227.108	ug/l	100
52) Toluene	8.720	92	160809	49.740	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	95717	44.610	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	105284	49.141	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	63863	48.063	ug/l	97
56) Ethyl methacrylate	9.116	69	106832	52.131	ug/l	95
57) 1,3-Dichloropropane	9.311	76	111489	48.984	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	269581	246.231	ug/l	97
59) 2-Hexanone	9.433	43	363156	221.556	ug/l	99
60) Dibromochloromethane	9.525	129	67937	45.134	ug/l	100
61) 1,2-Dibromoethane	9.610	107	68196	47.968	ug/l	99
64) Tetrachloroethene	9.275	164	71799	56.692	ug/l	98
65) Chlorobenzene	10.079	112	165194	50.106	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	63785	50.773	ug/l	99
67) Ethyl Benzene	10.195	91	305249	51.781	ug/l	98
68) m/p-Xylenes	10.305	106	227803	103.496	ug/l	94
69) o-Xylene	10.646	106	110902	51.496	ug/l	94
70) Styrene	10.659	104	184357	52.218	ug/l	97
71) Bromoform	10.805	173	44597	43.759	ug/l #	99
73) Isopropylbenzene	10.963	105	296354	55.769	ug/l	98
74) N-amyl acetate	10.848	43	134786	55.239	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	83872	46.409	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	82610m	50.062	ug/l	
77) Bromobenzene	11.201	156	67472	53.541	ug/l	93
78) n-propylbenzene	11.305	91	338053	55.330	ug/l	98
79) 2-Chlorotoluene	11.366	91	201870	53.675	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	243682	55.258	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	23254	40.769	ug/l #	85
82) 4-Chlorotoluene	11.457	91	232420	54.720	ug/l	95
83) tert-Butylbenzene	11.713	119	228395	53.359	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	242801	55.103	ug/l	98
85) sec-Butylbenzene	11.890	105	290128	54.315	ug/l	99
86) p-Isopropyltoluene	12.012	119	245686	55.174	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	125552	53.072	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	124687	49.159	ug/l	98
89) n-Butylbenzene	12.335	91	208974	52.807	ug/l	99
90) Hexachloroethane	12.542	117	36795	41.371	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	120746	49.203	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21099	45.605	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	76282	52.602	ug/l	99
94) Hexachlorobutadiene	13.725	225	30800	51.153	ug/l	100
95) Naphthalene	13.774	128	280264	53.044	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	76554	51.886	ug/l	99

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

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