

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070122\
 Data File : VU049580.D
 Acq On : 01 Jul 2022 13:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/05/2022
 Supervised By :Mahesh Dadoda 07/05/2022

Quant Time: Jul 04 06:44:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	173963	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	299894	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	275991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	135159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	129999	48.523	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.040%		
35) Dibromofluoromethane	5.289	113	100456	47.879	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.760%		
50) Toluene-d8	7.899	98	348367	46.551	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.100%		
62) 4-Bromofluorobenzene	10.632	95	133757	46.659	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.320%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	127317	45.544	ug/l	98
3) Chloromethane	1.520	50	148452	43.321	ug/l	97
4) Vinyl Chloride	1.601	62	129840	46.134	ug/l	99
5) Bromomethane	1.839	94	50685	57.917	ug/l	100
6) Chloroethane	1.919	64	73680	56.492	ug/l	98
7) Trichlorofluoromethane	2.131	101	162918	45.421	ug/l	100
8) Diethyl Ether	2.376	74	68729	53.046	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.575	101	95802	49.642	ug/l	94
10) Methyl Iodide	2.716	142	132247	66.766	ug/l	92
11) Tert butyl alcohol	3.189	59	182974m	291.788	ug/l	
12) 1,1-Dichloroethene	2.575	96	91016	48.170	ug/l	90
13) Acrolein	2.485	56	46189	108.766	ug/l	100
14) Allyl chloride	2.919	41	192147	50.318	ug/l #	88
15) Acrylonitrile	3.311	53	400111	265.297	ug/l	100
16) Acetone	2.626	43	383083	283.539	ug/l	98
17) Carbon Disulfide	2.787	76	256146	43.470	ug/l	99
18) Methyl Acetate	2.948	43	187376	51.232	ug/l	91
19) Methyl tert-butyl Ether	3.363	73	373002	53.078	ug/l	98
20) Methylene Chloride	3.041	84	121550	54.106	ug/l	89
21) trans-1,2-Dichloroethene	3.350	96	101724	49.942	ug/l	93
22) Diisopropyl ether	3.990	45	388901	53.341	ug/l #	76
23) Vinyl Acetate	3.951	43	1716814	268.657	ug/l	94
24) 1,1-Dichloroethane	3.867	63	214130	51.130	ug/l	98
25) 2-Butanone	4.700	43	563373	278.239	ug/l	94
26) 2,2-Dichloropropane	4.662	77	170952	49.045	ug/l	99
27) cis-1,2-Dichloroethene	4.665	96	124019	52.699	ug/l	87
28) Bromochloromethane	4.973	49	98133	53.608	ug/l #	75
29) Tetrahydrofuran	5.051	42	357860	257.635	ug/l	87
30) Chloroform	5.089	83	212186	51.219	ug/l	99
31) Cyclohexane	5.388	56	177377	44.093	ug/l	88
32) 1,1,1-Trichloroethane	5.314	97	178672	49.708	ug/l	100
36) 1,1-Dichloropropene	5.526	75	143198	47.070	ug/l	98
37) Ethyl Acetate	4.803	43	205507	49.434	ug/l	96
38) Carbon Tetrachloride	5.523	117	147561	46.249	ug/l	99
39) Methylcyclohexane	6.761	83	161842	44.382	ug/l	89
40) Benzene	5.774	78	460024	50.084	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	109961	52.788	ug/l #	88
42) 1,2-Dichloroethane	5.793	62	171887	50.281	ug/l	99
43) Isopropyl Acetate	5.912	43	310437	50.963	ug/l	96
44) Trichloroethene	6.543	130	108804	49.830	ug/l	88
45) 1,2-Dichloropropane	6.790	63	129519	50.890	ug/l	99
46) Dibromomethane	6.919	93	87513	51.574	ug/l	91
47) Bromodichloromethane	7.105	83	169875	52.014	ug/l	100
48) Methyl methacrylate	6.961	41	146341	51.264	ug/l	90
49) 1,4-Dioxane	6.970	88	80308	1098.074	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	1011024	248.002	ug/l	96
52) Toluene	7.970	92	272775	49.966	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	184094	52.549	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	198709	53.123	ug/l	96
55) 1,1,2-Trichloroethane	8.401	97	120006	53.167	ug/l	97
56) Ethyl methacrylate	8.333	69	201041	53.253	ug/l	92
57) 1,3-Dichloropropane	8.575	76	205254	51.262	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	110314	368.173	ug/l	94
59) 2-Hexanone	8.684	43	787701	245.707	ug/l	94
60) Dibromochloromethane	8.813	129	125772	53.584	ug/l	100
61) 1,2-Dibromoethane	8.925	107	127460	51.818	ug/l	98
64) Tetrachloroethene	8.552	164	84577	47.779	ug/l	94
65) Chlorobenzene	9.446	112	283017	50.160	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.533	131	110998	52.149	ug/l	98
67) Ethyl Benzene	9.571	91	519586	50.161	ug/l	97
68) m/p-Xylenes	9.694	106	386754	100.911	ug/l	90
69) o-Xylene	10.102	106	191920	50.441	ug/l	88
70) Styrene	10.115	104	324222	53.034	ug/l	96
71) Bromoform	10.292	173	96090	52.637	ug/l #	100
73) Isopropylbenzene	10.484	105	490319	50.925	ug/l	96
74) N-amyl acetate	10.321	43	255595	50.157	ug/l	93
75) 1,1,2,2-Tetrachloroethane	10.784	83	211021	51.740	ug/l	98
76) 1,2,3-Trichloropropane	10.825	75	233942	51.059	ug/l	97
77) Bromobenzene	10.784	156	121831	51.839	ug/l	84
78) n-propylbenzene	10.906	91	582282	49.770	ug/l	96
79) 2-Chlorotoluene	10.986	91	353657	49.065	ug/l	93
80) 1,3,5-Trimethylbenzene	11.089	105	420910	50.075	ug/l	95
81) trans-1,4-Dichloro-2-b...	10.546	75	64056	51.629	ug/l	93
82) 4-Chlorotoluene	11.095	91	407850	50.310	ug/l	94
83) tert-Butylbenzene	11.420	119	408809	49.447	ug/l	93
84) 1,2,4-Trimethylbenzene	11.468	105	425856	51.571	ug/l	94
85) sec-Butylbenzene	11.645	105	495142	47.635	ug/l	96
86) p-Isopropyltoluene	11.793	119	407585	48.487	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	219341	48.817	ug/l	96
88) 1,4-Dichlorobenzene	11.835	146	221300	49.003	ug/l	97
89) n-Butylbenzene	12.208	91	351548	45.178	ug/l	98
90) Hexachloroethane	12.475	117	75759	45.248	ug/l	84
91) 1,2-Dichlorobenzene	12.211	146	226668	50.208	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.996	75	53772	51.417	ug/l	82
93) 1,2,4-Trichlorobenzene	13.841	180	146861	48.527	ug/l	98
94) Hexachlorobutadiene	14.021	225	59565	42.533	ug/l	99
95) Naphthalene	14.086	128	531509	50.221	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	152961	49.130	ug/l	97

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

