

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011223\
 Data File : VU052668.D
 Acq On : 12 Jan 2023 16:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

Quant Time: Jan 13 01:45:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 13 01:24:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	224925	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	389443	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	368309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	190053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	179773	50.027	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.060%			
35) Dibromofluoromethane	5.285	113	134899	50.289	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.580%			
50) Toluene-d8	7.893	98	523710	50.854	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.700%			
62) 4-Bromofluorobenzene	10.629	95	191718	51.368	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.740%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	136116	48.022	ug/l	98
3) Chloromethane	1.520	50	176676	47.625	ug/l	98
4) Vinyl Chloride	1.604	62	162280	45.671	ug/l	99
5) Bromomethane	1.858	94	94405	45.689	ug/l	98
6) Chloroethane	1.935	64	97534	45.751	ug/l	100
7) Trichlorofluoromethane	2.134	101	210132	47.099	ug/l	99
8) Diethyl Ether	2.375	74	86346	47.096	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.578	101	122613	45.974	ug/l	93
10) Methyl Iodide	2.719	142	152518	55.198	ug/l	95
11) Tert butyl alcohol	3.343	59	175598m	249.039	ug/l	
12) 1,1-Dichloroethene	2.578	96	123936	47.173	ug/l	90
13) Acrolein	2.488	56	186396	218.951	ug/l	99
14) Allyl chloride	2.922	41	248253	47.977	ug/l #	88
15) Acrylonitrile	3.314	53	467566	246.486	ug/l	99
16) Acetone	2.639	43	358432	194.501	ug/l	98
17) Carbon Disulfide	2.790	76	378571	45.472	ug/l	99
18) Methyl Acetate	2.948	43	258888	48.202	ug/l	92
19) Methyl tert-butyl Ether	3.359	73	462083	50.867	ug/l	96
20) Methylene Chloride	3.044	84	161050	51.542	ug/l	91
21) trans-1,2-Dichloroethene	3.350	96	140430	49.389	ug/l	89
22) Diisopropyl ether	3.986	45	498745	50.138	ug/l #	76
23) Vinyl Acetate	3.948	43	1993987	257.342	ug/l	95
24) 1,1-Dichloroethane	3.864	63	280297	47.898	ug/l	98
25) 2-Butanone	4.706	43	603467	238.499	ug/l	94
26) 2,2-Dichloropropane	4.658	77	220178	48.269	ug/l	97
27) cis-1,2-Dichloroethene	4.661	96	159072	48.993	ug/l	89
28) Bromochloromethane	4.970	49	134511	49.986	ug/l #	73
29) Tetrahydrofuran	5.054	42	398069	259.393	ug/l	87
30) Chloroform	5.083	83	270254	45.408	ug/l	95
31) Cyclohexane	5.385	56	257628	46.473	ug/l	90
32) 1,1,1-Trichloroethane	5.311	97	223016	47.863	ug/l	97
36) 1,1-Dichloropropene	5.523	75	202771	48.035	ug/l	96
37) Ethyl Acetate	4.800	43	236388	44.190	ug/l #	94
38) Carbon Tetrachloride	5.520	117	189974	48.528	ug/l	99
39) Methylcyclohexane	6.761	83	238462	49.104	ug/l	92
40) Benzene	5.771	78	610097	48.905	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.967	41	126375	50.347	ug/l	89
42) 1,2-Dichloroethane	5.790	62	218304	48.665	ug/l	100
43) Isopropyl Acetate	5.906	43	353769	50.392	ug/l	97
44) Trichloroethene	6.539	130	141786	48.093	ug/l	90
45) 1,2-Dichloropropane	6.787	63	165575	47.929	ug/l	99
46) Dibromomethane	6.912	93	107037	49.374	ug/l	88
47) Bromodichloromethane	7.102	83	214272	48.195	ug/l	99
48) Methyl methacrylate	6.957	41	165850	50.851	ug/l	88
49) 1,4-Dioxane	7.028	88	67971	1097.327	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	1182667	257.796	ug/l	96
52) Toluene	7.964	92	375483	51.179	ug/l	96
53) t-1,3-Dichloropropene	8.205	75	237046	50.519	ug/l	99
54) cis-1,3-Dichloropropene	7.603	75	258103	50.517	ug/l	98
55) 1,1,2-Trichloroethane	8.394	97	149365	49.343	ug/l	97
56) Ethyl methacrylate	8.330	69	238411	47.324	ug/l	92
57) 1,3-Dichloropropane	8.571	76	271182	50.161	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.459	63	42111	226.174	ug/l	94
59) 2-Hexanone	8.684	43	901735	257.156	ug/l	96
60) Dibromochloromethane	8.806	129	156667	49.825	ug/l	100
61) 1,2-Dibromoethane	8.919	107	156094	50.869	ug/l	99
64) Tetrachloroethene	8.549	164	114935	48.092	ug/l	92
65) Chlorobenzene	9.443	112	376879	48.028	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.529	131	139128	49.060	ug/l	98
67) Ethyl Benzene	9.565	91	699117	51.382	ug/l	97
68) m/p-Xylenes	9.690	106	535462	104.487	ug/l	94
69) o-Xylene	10.095	106	260493	53.400	ug/l	95
70) Styrene	10.108	104	439174	48.597	ug/l	97
71) Bromoform	10.285	173	114545	48.158	ug/l #	100
73) Isopropylbenzene	10.481	105	673653	51.788	ug/l	97
74) N-amyl acetate	10.317	43	303074	50.982	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.777	83	256434	46.725	ug/l	99
76) 1,2,3-Trichloropropane	10.819	75	280873	46.665	ug/l	97
77) Bromobenzene	10.777	156	155012	47.889	ug/l	80
78) n-propylbenzene	10.902	91	826913	52.255	ug/l	96
79) 2-Chlorotoluene	10.980	91	488183	50.444	ug/l	92
80) 1,3,5-Trimethylbenzene	11.082	105	574248	52.444	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.542	75	76232	48.352	ug/l	94
82) 4-Chlorotoluene	11.092	91	565643	51.242	ug/l	93
83) tert-Butylbenzene	11.417	119	561950	51.491	ug/l	96
84) 1,2,4-Trimethylbenzene	11.462	105	573204	53.102	ug/l	98
85) sec-Butylbenzene	11.639	105	718262	52.189	ug/l	97
86) p-Isopropyltoluene	11.790	119	603403	48.450	ug/l	97
87) 1,3-Dichlorobenzene	11.742	146	305636	48.963	ug/l	97
88) 1,4-Dichlorobenzene	11.832	146	307712	48.041	ug/l	98
89) n-Butylbenzene	12.205	91	528564	45.867	ug/l	98
90) Hexachloroethane	12.471	117	104800	47.400	ug/l	83
91) 1,2-Dichlorobenzene	12.208	146	305644	49.282	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.989	75	55074	46.961	ug/l	79
93) 1,2,4-Trichlorobenzene	13.835	180	184064	50.538	ug/l	99
94) Hexachlorobutadiene	14.018	225	89129	46.432	ug/l	99
95) Naphthalene	14.082	128	586331	47.390	ug/l	100
96) 1,2,3-Trichlorobenzene	14.323	180	184675	50.743	ug/l	97

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

