

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
 Data File : VU045701.D
 Acq On : 10 Nov 2021 20:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2021
 Supervised By : Mahesh Dadoda 11/15/2021

Quant Time: Nov 11 02:33:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	116098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	212784	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	207071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	108108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	91348	52.538	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.080%			
35) Dibromofluoromethane	5.292	113	69839	49.160	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.320%			
50) Toluene-d8	7.899	98	264817	50.130	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.260%			
62) 4-Bromofluorobenzene	10.635	95	102333	48.309	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	72267	48.009	ug/l	100
3) Chloromethane	1.520	50	80618	46.808	ug/l	99
4) Vinyl Chloride	1.604	62	83484	49.760	ug/l	99
5) Bromomethane	1.845	94	49060	52.427	ug/l	99
6) Chloroethane	1.925	64	51395	46.940	ug/l	95
7) Trichlorofluoromethane	2.134	101	111299	50.167	ug/l	100
8) Diethyl Ether	2.375	74	44280	50.421	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.578	101	64243	49.591	ug/l	100
10) Methyl Iodide	2.723	142	69097	40.758	ug/l	93
11) Tert butyl alcohol	3.179	59	97890	284.444	ug/l	99
12) 1,1-Dichloroethene	2.578	96	61279	47.976	ug/l	99
13) Acrolein	2.485	56	13199	264.663	ug/l	99
14) Allyl chloride	2.922	41	113317	49.686	ug/l	98
15) Acrylonitrile	3.314	53	247114	268.944	ug/l	99
16) Acetone	2.626	43	194658	219.932	ug/l	98
17) Carbon Disulfide	2.793	76	157637	44.062	ug/l	99
18) Methyl Acetate	2.948	43	158690	52.640	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	239257	52.038	ug/l	98
20) Methylene Chloride	3.047	84	76532	49.764	ug/l	97
21) trans-1,2-Dichloroethene	3.353	96	67162	50.543	ug/l	98
22) Diisopropyl ether	3.996	45	237403	53.014	ug/l	93
23) Vinyl Acetate	3.957	43	925291	268.652	ug/l	100
24) 1,1-Dichloroethane	3.870	63	137047	51.356	ug/l	99
25) 2-Butanone	4.700	43	325813	265.411	ug/l	99
26) 2,2-Dichloropropane	4.668	77	101009	45.678	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	80160	51.361	ug/l	99
28) Bromochloromethane	4.976	49	56842	44.679	ug/l	96
29) Tetrahydrofuran	5.050	42	207796	276.734	ug/l	99
30) Chloroform	5.092	83	137891	52.247	ug/l	98
31) Cyclohexane	5.388	56	118212	46.596	ug/l	98
32) 1,1,1-Trichloroethane	5.317	97	117818	52.349	ug/l	98
36) 1,1-Dichloropropene	5.530	75	97722	47.099	ug/l	99
37) Ethyl Acetate	4.803	43	122010	51.193	ug/l	99
38) Carbon Tetrachloride	5.526	117	100545	48.068	ug/l	97
39) Methylcyclohexane	6.764	83	117274	46.073	ug/l	96
40) Benzene	5.777	78	291122	47.393	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	66142	52.514	ug/l	99
42) 1,2-Dichloroethane	5.796	62	111435	50.223	ug/l	100
43) Isopropyl Acetate	5.912	43	181786	49.867	ug/l	99
44) Trichloroethene	6.546	130	73054	49.684	ug/l	100
45) 1,2-Dichloropropane	6.793	63	81964	50.428	ug/l	98
46) Dibromomethane	6.919	93	54783	48.644	ug/l	98
47) Bromodichloromethane	7.108	83	109492	51.239	ug/l	97
48) Methyl methacrylate	6.960	41	85753	51.108	ug/l	97
49) 1,4-Dioxane	6.964	88	43814	1015.401	ug/l #	98
51) 4-Methyl-2-Pentanone	7.793	43	627719	261.034	ug/l	100
52) Toluene	7.970	92	186573	49.611	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	119507	48.662	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	129124	49.501	ug/l	95
55) 1,1,2-Trichloroethane	8.404	97	78635	50.451	ug/l	99
56) Ethyl methacrylate	8.336	69	126637	45.526	ug/l	97
57) 1,3-Dichloropropane	8.578	76	139502	49.693	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	318362	221.866	ug/l	99
59) 2-Hexanone	8.684	43	484956	232.315	ug/l	99
60) Dibromochloromethane	8.812	129	83163	51.241	ug/l	100
61) 1,2-Dibromoethane	8.925	107	82926	49.607	ug/l	97
64) Tetrachloroethene	8.555	164	61812	52.009	ug/l	99
65) Chlorobenzene	9.449	112	193948	47.683	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	72267	49.817	ug/l	97
67) Ethyl Benzene	9.571	91	355542	48.812	ug/l	99
68) m/p-Xylenes	9.697	106	273451	99.544	ug/l	99
69) o-Xylene	10.102	106	134155	50.232	ug/l	100
70) Styrene	10.115	104	230801	51.083	ug/l	98
71) Bromoform	10.295	173	60339	44.320	ug/l #	100
73) Isopropylbenzene	10.488	105	358539	50.758	ug/l	99
74) N-amyl acetate	10.320	43	155886	48.920	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	136775	48.872	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	111961m	34.151	ug/l	
77) Bromobenzene	10.783	156	82972	48.380	ug/l	96
78) n-propylbenzene	10.909	91	430633	48.983	ug/l	100
79) 2-Chlorotoluene	10.989	91	253820	48.867	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	305134	49.442	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	38369	39.037	ug/l	98
82) 4-Chlorotoluene	11.098	91	296088	48.608	ug/l	99
83) tert-Butylbenzene	11.423	119	292620	49.739	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	307698	50.165	ug/l	99
85) sec-Butylbenzene	11.645	105	383887	49.201	ug/l	100
86) p-Isopropyltoluene	11.796	119	320091	49.093	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	159461	46.083	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	162152	46.333	ug/l	99
89) n-Butylbenzene	12.211	91	292559	46.581	ug/l	100
90) Hexachloroethane	12.478	117	52003	44.213	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	161141	47.865	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	31782	48.128	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	104386	44.844	ug/l	98
94) Hexachlorobutadiene	14.024	225	43558	43.350	ug/l	98
95) Naphthalene	14.089	128	400314	45.832	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	109235	47.245	ug/l	99

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

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