

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040621\
 Data File : VU042969.D
 Acq On : 06 Apr 2021 20:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

SAM
 4/7/2021 5:20:59 PM

Quant Time: Apr 07 01:47:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	127110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	199343	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	192933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	110418	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	101883	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
35) Dibromofluoromethane	5.298	113	70160	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
50) Toluene-d8	7.906	98	253135	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
62) 4-Bromofluorobenzene	10.639	95	100811	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	66089	44.24	ug/l	98
3) Chloromethane	1.523	50	65139	40.27	ug/l	99
4) Vinyl Chloride	1.607	62	66396	45.12	ug/l	99
5) Bromomethane	1.851	94	34777	37.30	ug/l	95
6) Chloroethane	1.932	64	43156	39.15	ug/l	97
7) Trichlorofluoromethane	2.141	101	111296	43.37	ug/l	98
8) Diethyl Ether	2.382	74	37071	46.35	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.584	101	58593	47.63	ug/l	97
10) Methyl Iodide	2.729	142	75207	45.34	ug/l	100
11) Tert butyl alcohol	3.199	59	123920m	286.05	ug/l	
12) 1,1-Dichloroethene	2.584	96	54174	46.99	ug/l	98
13) Acrolein	2.491	56	29256	195.85	ug/l	98
14) Allyl chloride	2.928	41	130157	51.68	ug/l	96
15) Acrylonitrile	3.321	53	270643	272.38	ug/l	98
16) Acetone	2.633	43	267104	258.16	ug/l	99
17) Carbon Disulfide	2.800	76	138703	42.52	ug/l	99
18) Methyl Acetate	2.954	43	148866	64.14	ug/l	99
19) Methyl tert-butyl Ether	3.372	73	228924	52.32	ug/l	99
20) Methylene Chloride	3.054	84	65866	45.15	ug/l	97
21) trans-1,2-Dichloroethene	3.363	96	60357	46.66	ug/l	96
22) Diisopropyl ether	3.999	45	270200	53.29	ug/l	94
23) Vinyl Acetate	3.964	43	1225021	259.62	ug/l	100
24) 1,1-Dichloroethane	3.880	63	130597	49.41	ug/l	100
25) 2-Butanone	4.710	43	449025	272.28	ug/l	99
26) 2,2-Dichloropropane	4.678	77	109153	46.75	ug/l	99
27) cis-1,2-Dichloroethene	4.678	96	73658	49.75	ug/l	97
28) Bromochloromethane	4.983	49	73955	56.04	ug/l	97
29) Tetrahydrofuran	5.057	42	284367	278.72	ug/l	99
30) Chloroform	5.099	83	139418	49.90	ug/l	98
31) Cyclohexane	5.398	56	112436	44.57	ug/l	97
32) 1,1,1-Trichloroethane	5.324	97	123011	49.60	ug/l	99
36) 1,1-Dichloropropene	5.536	75	93901	47.63	ug/l	99
37) Ethyl Acetate	4.809	43	160541	52.46	ug/l	99
38) Carbon Tetrachloride	5.533	117	105332	46.80	ug/l	100
39) Methylcyclohexane	6.771	83	102822	45.53	ug/l	98
40) Benzene	5.784	78	275327	46.68	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	88759	55.36	ug/l	98
42) 1,2-Dichloroethane	5.803	62	126180	49.89	ug/l	100
43) Isopropyl Acetate	5.919	43	242239	52.57	ug/l	99
44) Trichloroethene	6.549	130	72370	47.73	ug/l	96
45) 1,2-Dichloropropane	6.800	63	78481	50.02	ug/l	97
46) Dibromomethane	6.925	93	54712	48.95	ug/l	98
47) Bromodichloromethane	7.112	83	111873	49.26	ug/l	98
48) Methyl methacrylate	6.967	41	124042	55.77	ug/l	99
49) 1,4-Dioxane	6.989	88	47491	1065.81	ug/l	96
51) 4-Methyl-2-Pentanone	7.800	43	883663	274.07	ug/l	100
52) Toluene	7.976	92	174009	48.25	ug/l	98
53) t-1,3-Dichloropropene	8.218	75	123848	51.55	ug/l	97
54) cis-1,3-Dichloropropene	7.613	75	123200	49.00	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	76195	49.12	ug/l	96
56) Ethyl methacrylate	8.340	69	129463	54.61	ug/l	99
57) 1,3-Dichloropropane	8.584	76	132961	49.94	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.468	63	181498	240.60	ug/l	99
59) 2-Hexanone	8.694	43	728446	284.08	ug/l	100
60) Dibromochloromethane	8.816	129	88606	49.12	ug/l	98
61) 1,2-Dibromoethane	8.931	107	86189	48.85	ug/l	99
64) Tetrachloroethene	8.558	164	70372	45.18	ug/l	95
65) Chlorobenzene	9.452	112	192347	49.04	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	77384	49.59	ug/l	99
67) Ethyl Benzene	9.578	91	354928	50.45	ug/l	99
68) m/p-Xylenes	9.700	106	259592	100.11	ug/l	98
69) o-Xylene	10.108	106	127722	50.89	ug/l	98
70) Styrene	10.121	104	218151	51.46	ug/l	98
71) Bromoform	10.298	173	74838	50.56	ug/l #	99
73) Isopropylbenzene	10.491	105	356329	50.98	ug/l	100
74) N-amyl acetate	10.327	43	218599	55.42	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	147750	51.72	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	151446m	53.93	ug/l	
77) Bromobenzene	10.790	156	92934	48.32	ug/l	99
78) n-propylbenzene	10.912	91	423514	51.48	ug/l	100
79) 2-Chlorotoluene	10.992	91	251014	50.57	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	311688	51.41	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	48458	51.13	ug/l	99
82) 4-Chlorotoluene	11.102	91	301983	50.94	ug/l	100
83) tert-Butylbenzene	11.427	119	305131	51.66	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	319780	52.22	ug/l	99
85) sec-Butylbenzene	11.652	105	361376	52.63	ug/l	100
86) p-Isopropyltoluene	11.799	119	335346	53.37	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	168007	48.62	ug/l	98
88) 1,4-Dichlorobenzene	11.845	146	172531	48.61	ug/l	99
89) n-Butylbenzene	12.214	91	306076	51.62	ug/l	99
90) Hexachloroethane	12.484	117	57720	48.65	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	175532	49.89	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.005	75	43799	57.89	ug/l	96
93) 1,2,4-Trichlorobenzene	13.848	180	118149	52.67	ug/l	99
94) Hexachlorobutadiene	14.028	225	57863	44.10	ug/l	97
95) Naphthalene	14.095	128	383239	51.13	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	118247	52.08	ug/l	100

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

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