

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
 Data File : VU043039.D
 Acq On : 13 Apr 2021 09:57
 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

MMDadoda
 4/14/2021 6:28:03 PM

Quant Time: Apr 13 14:27:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	119935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	184464	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	180042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	101853	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	90411	44.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.68%	
35) Dibromofluoromethane	5.298	113	62871	45.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.72%	
50) Toluene-d8	7.906	98	228536	46.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.18%	
62) 4-Bromofluorobenzene	10.639	95	89648	45.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.28%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	56066	45.31	ug/l	99
3) Chloromethane	1.523	50	63843	48.37	ug/l	98
4) Vinyl Chloride	1.607	62	60081	44.53	ug/l	98
5) Bromomethane	1.851	94	30765	41.84	ug/l	99
6) Chloroethane	1.928	64	40533	43.54	ug/l	96
7) Trichlorofluoromethane	2.141	101	102745	44.81	ug/l	99
8) Diethyl Ether	2.382	74	33468	45.58	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.588	101	54058	45.82	ug/l	98
10) Methyl Iodide	2.729	142	76008	48.89	ug/l	99
11) Tert butyl alcohol	3.195	59	103450m	199.08	ug/l	
12) 1,1-Dichloroethene	2.584	96	49276	43.89	ug/l	95
13) Acrolein	2.491	56	68838	214.08	ug/l	100
14) Allyl chloride	2.928	41	119452	43.84	ug/l	98
15) Acrylonitrile	3.321	53	244350	218.61	ug/l	100
16) Acetone	2.633	43	350528	295.47	ug/l	100
17) Carbon Disulfide	2.800	76	144102	41.73	ug/l	100
18) Methyl Acetate	2.954	43	111345	44.18	ug/l	98
19) Methyl tert-butyl Ether	3.369	73	202526	45.65	ug/l	99
20) Methylene Chloride	3.054	84	61839	43.19	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	57727	44.01	ug/l	95
22) Diisopropyl ether	4.002	45	239603	45.97	ug/l	92
23) Vinyl Acetate	3.964	43	1156189	229.23	ug/l	99
24) 1,1-Dichloroethane	3.877	63	116476	44.20	ug/l	99
25) 2-Butanone	4.710	43	442284	241.48	ug/l	100
26) 2,2-Dichloropropane	4.674	77	105223	45.52	ug/l	100
27) cis-1,2-Dichloroethene	4.678	96	67913	45.51	ug/l	98
28) Bromochloromethane	4.980	49	62631	46.60	ug/l	95
29) Tetrahydrofuran	5.060	42	253280	219.62	ug/l	98
30) Chloroform	5.099	83	125151	44.84	ug/l	96
31) Cyclohexane	5.398	56	109048	43.84	ug/l	99
32) 1,1,1-Trichloroethane	5.327	97	109169	44.24	ug/l	99
36) 1,1-Dichloropropene	5.536	75	89631	45.80	ug/l	99
37) Ethyl Acetate	4.813	43	143418	42.86	ug/l	99
38) Carbon Tetrachloride	5.533	117	94853	45.21	ug/l	99
39) Methylcyclohexane	6.771	83	99081	46.05	ug/l	94
40) Benzene	5.784	78	257838	46.11	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	78056	44.37	ug/l	97
42) 1,2-Dichloroethane	5.803	62	114275	46.07	ug/l	98
43) Isopropyl Acetate	5.919	43	216161	45.30	ug/l	97
44) Trichloroethene	6.549	130	63693	44.91	ug/l	96
45) 1,2-Dichloropropane	6.800	63	71263	45.74	ug/l	100
46) Dibromomethane	6.925	93	50220	45.58	ug/l	97
47) Bromodichloromethane	7.115	83	98043	45.08	ug/l	97
48) Methyl methacrylate	6.967	41	106996	44.66	ug/l	97
49) 1,4-Dioxane	6.986	88	43494	906.09	ug/l #	97
51) 4-Methyl-2-Pentanone	7.800	43	766081	216.98	ug/l	99
52) Toluene	7.976	92	162487	46.87	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	109681	45.42	ug/l	99
54) cis-1,3-Dichloropropene	7.616	75	113867	46.43	ug/l	96
55) 1,1,2-Trichloroethane	8.407	97	67137	45.15	ug/l	97
56) Ethyl methacrylate	8.340	69	110625	45.42	ug/l	95
57) 1,3-Dichloropropane	8.584	76	117150	45.60	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	231275	229.06	ug/l	100
59) 2-Hexanone	8.693	43	652119	224.31	ug/l	99
60) Dibromochloromethane	8.816	129	76901	44.71	ug/l	99
61) 1,2-Dibromoethane	8.931	107	77296	46.08	ug/l	99
64) Tetrachloroethene	8.558	164	58206	44.56	ug/l	96
65) Chlorobenzene	9.452	112	171935	44.53	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.542	131	67313	45.61	ug/l	99
67) Ethyl Benzene	9.578	91	328099	47.09	ug/l	99
68) m/p-Xylenes	9.700	106	241628	93.72	ug/l	98
69) o-Xylene	10.108	106	116256	46.20	ug/l	99
70) Styrene	10.121	104	197284	46.56	ug/l	99
71) Bromoform	10.298	173	63786	41.94	ug/l #	100
73) Isopropylbenzene	10.491	105	321072	46.97	ug/l	99
74) N-amyl acetate	10.327	43	197159	44.89	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	129068	43.36	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	124620m	41.87	ug/l	
77) Bromobenzene	10.790	156	82379	43.26	ug/l	95
78) n-propylbenzene	10.912	91	394516	48.20	ug/l	99
79) 2-Chlorotoluene	10.992	91	228980	46.04	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	287305	47.61	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	44154	43.59	ug/l	94
82) 4-Chlorotoluene	11.102	91	276168	46.22	ug/l	99
83) tert-Butylbenzene	11.426	119	276594	46.62	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	289047	46.62	ug/l	99
85) sec-Butylbenzene	11.652	105	330701	47.56	ug/l	99
86) p-Isopropyltoluene	11.799	119	306929	47.96	ug/l	99
87) 1,3-Dichlorobenzene	11.754	146	153431	44.44	ug/l	100
88) 1,4-Dichlorobenzene	11.844	146	156305	43.41	ug/l	99
89) n-Butylbenzene	12.214	91	286300	47.76	ug/l	99
90) Hexachloroethane	12.484	117	52236	43.54	ug/l	98
91) 1,2-Dichlorobenzene	12.221	146	156421	44.34	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.005	75	36540	43.36	ug/l	92
93) 1,2,4-Trichlorobenzene	13.848	180	103629	44.60	ug/l	97
94) Hexachlorobutadiene	14.028	225	55561	47.58	ug/l	98
95) Naphthalene	14.095	128	308799	42.36	ug/l	100
96) 1,2,3-Trichlorobenzene	14.340	180	101008	44.82	ug/l	100

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

