

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
 Data File : VU043157.D
 Acq On : 16 Apr 2021 10:04
 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
 4/19/2021 9:40:23 AM

Quant Time: Apr 17 02:27:36 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	102807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	157272	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	153531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	88017	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	85455	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
35) Dibromofluoromethane	5.298	113	59924	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
50) Toluene-d8	7.906	98	209984	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	10.642	95	82799	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	51200	48.27	ug/l	97
3) Chloromethane	1.523	50	54705	48.35	ug/l	99
4) Vinyl Chloride	1.607	62	55813	48.26	ug/l	100
5) Bromomethane	1.861	94	41512	65.86	ug/l	99
6) Chloroethane	1.935	64	45710	57.29	ug/l	97
7) Trichlorofluoromethane	2.141	101	99478	50.61	ug/l	99
8) Diethyl Ether	2.382	74	32815	52.14	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.588	101	51921	51.34	ug/l	97
10) Methyl Iodide	2.729	142	65633	49.25	ug/l	98
11) Tert butyl alcohol	3.243	59	95473	214.34	ug/l #	94
12) 1,1-Dichloroethene	2.584	96	47658	49.52	ug/l	96
13) Acrolein	2.494	56	56922	206.88	ug/l	100
14) Allyl chloride	2.932	41	116286	49.79	ug/l	97
15) Acrylonitrile	3.324	53	240780	251.30	ug/l	99
16) Acetone	2.642	43	268011	263.52	ug/l	98
17) Carbon Disulfide	2.800	76	132025	44.60	ug/l	99
18) Methyl Acetate	2.957	43	116201	53.79	ug/l	98
19) Methyl tert-butyl Ether	3.372	73	199581	52.48	ug/l	99
20) Methylene Chloride	3.054	84	59484	48.46	ug/l	97
21) trans-1,2-Dichloroethene	3.359	96	55611	49.46	ug/l	96
22) Diisopropyl ether	4.002	45	237521	53.16	ug/l	97
23) Vinyl Acetate	3.964	43	1157811	267.79	ug/l	99
24) 1,1-Dichloroethane	3.880	63	113540	50.26	ug/l	99
25) 2-Butanone	4.716	43	395561	251.95	ug/l	100
26) 2,2-Dichloropropane	4.674	77	101626	51.28	ug/l	99
27) cis-1,2-Dichloroethene	4.678	96	65357	51.09	ug/l	98
28) Bromochloromethane	4.983	49	58808	51.05	ug/l	96
29) Tetrahydrofuran	5.063	42	250211	253.10	ug/l	97
30) Chloroform	5.099	83	121797	50.91	ug/l	96
31) Cyclohexane	5.398	56	101552	47.63	ug/l	99
32) 1,1,1-Trichloroethane	5.327	97	106946	50.57	ug/l	98
36) 1,1-Dichloropropene	5.536	75	87238	52.29	ug/l	98
37) Ethyl Acetate	4.813	43	147438	51.68	ug/l	98
38) Carbon Tetrachloride	5.533	117	91331	51.05	ug/l	97
39) Methylcyclohexane	6.771	83	91246	49.74	ug/l	98
40) Benzene	5.784	78	248082	52.03	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	76938	51.30	ug/l	98
42) 1,2-Dichloroethane	5.803	62	112721	53.30	ug/l	99
43) Isopropyl Acetate	5.922	43	215640	53.00	ug/l	97
44) Trichloroethene	6.552	130	63144	52.22	ug/l	96
45) 1,2-Dichloropropane	6.800	63	70660	53.20	ug/l	98
46) Dibromomethane	6.928	93	50333	53.58	ug/l	95
47) Bromodichloromethane	7.115	83	98938	53.36	ug/l	100
48) Methyl methacrylate	6.967	41	106735	52.25	ug/l	97
49) 1,4-Dioxane	7.009	88	44233	1080.81	ug/l #	53
51) 4-Methyl-2-Pentanone	7.803	43	765877	254.43	ug/l	99
52) Toluene	7.976	92	155836	52.73	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	109911	53.38	ug/l	98
54) cis-1,3-Dichloropropene	7.616	75	111203	53.19	ug/l	94
55) 1,1,2-Trichloroethane	8.407	97	67981	53.62	ug/l	97
56) Ethyl methacrylate	8.340	69	108499	52.25	ug/l	94
57) 1,3-Dichloropropane	8.584	76	116334	53.11	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	161325	188.73	ug/l	98
59) 2-Hexanone	8.697	43	623990	251.74	ug/l	98
60) Dibromochloromethane	8.819	129	78730	53.69	ug/l	100
61) 1,2-Dibromoethane	8.931	107	76712	53.64	ug/l	100
64) Tetrachloroethene	8.562	164	59716	53.61	ug/l	98
65) Chlorobenzene	9.455	112	166893	50.69	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	65176	51.78	ug/l	99
67) Ethyl Benzene	9.578	91	311719	52.46	ug/l	100
68) m/p-Xylenes	9.703	106	232069	105.56	ug/l	99
69) o-Xylene	10.108	106	110119	51.32	ug/l	97
70) Styrene	10.121	104	192146	53.18	ug/l	99
71) Bromoform	10.301	173	64205	49.51	ug/l #	97
73) Isopropylbenzene	10.491	105	309744	52.43	ug/l	99
74) N-amyl acetate	10.330	43	191556	50.47	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.790	83	128817	50.08	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	126109m	49.03	ug/l	
77) Bromobenzene	10.790	156	82950	50.40	ug/l	99
78) n-propylbenzene	10.915	91	378241	53.48	ug/l	99
79) 2-Chlorotoluene	10.992	91	219907	51.16	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	272210	52.20	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	39832	45.51	ug/l	94
82) 4-Chlorotoluene	11.105	91	267189	51.74	ug/l	99
83) tert-Butylbenzene	11.430	119	256158	49.97	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	274598	51.25	ug/l	100
85) sec-Butylbenzene	11.652	105	307750	51.22	ug/l	98
86) p-Isopropyltoluene	11.803	119	286677	51.83	ug/l	99
87) 1,3-Dichlorobenzene	11.754	146	148770	49.87	ug/l	99
88) 1,4-Dichlorobenzene	11.844	146	153117	49.20	ug/l	97
89) n-Butylbenzene	12.217	91	263860	50.94	ug/l	98
90) Hexachloroethane	12.484	117	46729	45.07	ug/l	98
91) 1,2-Dichlorobenzene	12.221	146	150603	49.40	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	35320	48.50	ug/l	93
93) 1,2,4-Trichlorobenzene	13.851	180	100426	49.83	ug/l	97
94) Hexachlorobutadiene	14.031	225	50395	49.96	ug/l	97
95) Naphthalene	14.095	128	324331	50.89	ug/l	100
96) 1,2,3-Trichlorobenzene	14.339	180	100187	51.23	ug/l	99

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

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