

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043375.D
 Acq On : 28 Apr 2021 10:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/29/2021 11:37:12 AM

Quant Time: Apr 29 08:35:15 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	97383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	151470	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	141568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	79609	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	81130	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
35) Dibromofluoromethane	5.298	113	57146	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
50) Toluene-d8	7.906	98	197218	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
62) 4-Bromofluorobenzene	10.639	95	76829	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	49640	49.40	ug/l	98
3) Chloromethane	1.523	50	56253	52.60	ug/l	99
4) Vinyl Chloride	1.610	62	53635	48.96	ug/l	98
5) Bromomethane	1.861	94	30894	51.74	ug/l	99
6) Chloroethane	1.935	64	31405	41.55	ug/l	97
7) Trichlorofluoromethane	2.141	101	85819	46.10	ug/l	100
8) Diethyl Ether	2.382	74	29692	49.81	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.588	101	48627	50.76	ug/l	98
10) Methyl Iodide	2.729	142	64031	50.72	ug/l	99
11) Tert butyl alcohol	3.224	59	97061	230.04	ug/l #	93
12) 1,1-Dichloroethene	2.584	96	46599	51.11	ug/l	98
13) Acrolein	2.494	56	73966	279.92	ug/l	99
14) Allyl chloride	2.929	41	117238	52.99	ug/l	97
15) Acrylonitrile	3.324	53	230374	253.83	ug/l	99
16) Acetone	2.639	43	261010	270.94	ug/l	100
17) Carbon Disulfide	2.800	76	125150	44.63	ug/l	100
18) Methyl Acetate	2.957	43	118564	57.94	ug/l	96
19) Methyl tert-butyl Ether	3.372	73	191276	53.10	ug/l	99
20) Methylene Chloride	3.054	84	58710	50.50	ug/l	96
21) trans-1,2-Dichloroethene	3.363	96	54004	50.71	ug/l	97
22) Diisopropyl ether	4.002	45	231022	54.59	ug/l	91
23) Vinyl Acetate	3.964	43	1094708	267.30	ug/l	99
24) 1,1-Dichloroethane	3.880	63	111507	52.11	ug/l	99
25) 2-Butanone	4.713	43	376807	253.37	ug/l	98
26) 2,2-Dichloropropane	4.674	77	94253	50.21	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	61704	50.92	ug/l	96
28) Bromochloromethane	4.983	49	58504	53.61	ug/l	92
29) Tetrahydrofuran	5.060	42	234088	249.98	ug/l	94
30) Chloroform	5.099	83	117074	51.66	ug/l	93
31) Cyclohexane	5.398	56	95472	47.28	ug/l	96
32) 1,1,1-Trichloroethane	5.324	97	99349	49.59	ug/l	99
36) 1,1-Dichloropropene	5.536	75	79228	49.31	ug/l	99
37) Ethyl Acetate	4.813	43	137000	49.86	ug/l	98
38) Carbon Tetrachloride	5.533	117	82771	48.04	ug/l	99
39) Methylcyclohexane	6.771	83	82603	46.75	ug/l	95
40) Benzene	5.784	78	231792	50.48	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	75771	52.45	ug/l	97
42) 1,2-Dichloroethane	5.803	62	102779	50.46	ug/l	100
43) Isopropyl Acetate	5.919	43	199156	50.82	ug/l	98
44) Trichloroethene	6.549	130	60485	51.94	ug/l	95
45) 1,2-Dichloropropane	6.797	63	67305	52.61	ug/l	97
46) Dibromomethane	6.925	93	46947	51.89	ug/l	95
47) Bromodichloromethane	7.115	83	92285	51.67	ug/l	99
48) Methyl methacrylate	6.967	41	100637	51.16	ug/l	96
49) 1,4-Dioxane	7.002	88	36995	938.58	ug/l #	93
51) 4-Methyl-2-Pentanone	7.800	43	710135	244.95	ug/l	98
52) Toluene	7.977	92	142875	50.19	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	99003	49.92	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	102832	51.07	ug/l	95
55) 1,1,2-Trichloroethane	8.407	97	62082	50.84	ug/l	99
56) Ethyl methacrylate	8.340	69	96483	48.24	ug/l	95
57) 1,3-Dichloropropane	8.581	76	110207	52.24	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	124416	152.58	ug/l	97
59) 2-Hexanone	8.694	43	571193	239.27	ug/l	99
60) Dibromochloromethane	8.816	129	71269	50.46	ug/l	99
61) 1,2-Dibromoethane	8.931	107	68017	49.38	ug/l	99
64) Tetrachloroethene	8.559	164	58639	57.09	ug/l	97
65) Chlorobenzene	9.452	112	152371	50.19	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.542	131	59590	51.35	ug/l	99
67) Ethyl Benzene	9.578	91	281537	51.38	ug/l	100
68) m/p-Xylenes	9.700	106	209705	103.45	ug/l	100
69) o-Xylene	10.105	106	98841	49.95	ug/l	97
70) Styrene	10.121	104	173331	52.03	ug/l	98
71) Bromoform	10.298	173	57603	48.17	ug/l #	99
73) Isopropylbenzene	10.491	105	275220	51.51	ug/l	99
74) N-amyl acetate	10.327	43	167763	48.87	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	116107	49.90	ug/l	98
76) 1,2,3-Trichloropropane	10.832	75	101881m	43.80	ug/l	
77) Bromobenzene	10.790	156	72035	48.40	ug/l	96
78) n-propylbenzene	10.912	91	330149	51.61	ug/l	98
79) 2-Chlorotoluene	10.993	91	194398	50.01	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	235764	49.99	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	34423	43.48	ug/l	93
82) 4-Chlorotoluene	11.102	91	234158	50.14	ug/l	99
83) tert-Butylbenzene	11.427	119	222291	47.94	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	241949	49.92	ug/l	98
85) sec-Butylbenzene	11.652	105	266868	49.11	ug/l	99
86) p-Isopropyltoluene	11.800	119	245545	49.08	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	131919	48.89	ug/l	100
88) 1,4-Dichlorobenzene	11.841	146	134166	47.67	ug/l	98
89) n-Butylbenzene	12.214	91	227854	48.63	ug/l	98
90) Hexachloroethane	12.481	117	38577	41.14	ug/l	93
91) 1,2-Dichlorobenzene	12.221	146	134000	48.60	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	30372	46.11	ug/l	93
93) 1,2,4-Trichlorobenzene	13.848	180	95131	52.12	ug/l	100
94) Hexachlorobutadiene	14.028	225	44212	48.45	ug/l	99
95) Naphthalene	14.092	128	310532	53.71	ug/l	99
96) 1,2,3-Trichlorobenzene	14.336	180	95264	53.78	ug/l	99

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

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