

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043394.D
 Acq On : 28 Apr 2021 18:22
 Operator : SY/MD
 Sample : M2133-05MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20210420MS

Manual Integrations
 APPROVED

MMDadoda
 4/29/2021 11:37:53 AM

Quant Time: Apr 29 08:41:06 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	88194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	137872	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	133808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	75713	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	77550	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.62%	
35) Dibromofluoromethane	5.295	113	53437	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	
50) Toluene-d8	7.906	98	183835	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	10.639	95	71812	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	44500	48.90	ug/l	98
3) Chloromethane	1.520	50	52712	54.46	ug/l	96
4) Vinyl Chloride	1.604	62	48437	48.82	ug/l	99
5) Bromomethane	1.839	94	29675	54.88	ug/l	99
6) Chloroethane	1.925	64	30852	45.07	ug/l	98
7) Trichlorofluoromethane	2.134	101	77834	46.16	ug/l	97
8) Diethyl Ether	2.379	74	27073	50.14	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.581	101	44800	51.64	ug/l	96
10) Methyl Iodide	2.723	142	57706	50.48	ug/l	98
11) Tert butyl alcohol	3.186	59	85263	223.13	ug/l #	76
12) 1,1-Dichloroethene	2.581	96	42796	51.83	ug/l	98
13) Acrolein	2.488	56	59945	251.59	ug/l	100
14) Allyl chloride	2.925	41	103547	51.68	ug/l	99
15) Acrylonitrile	3.318	53	207603	252.57	ug/l	99
16) Acetone	2.629	43	208592	239.05	ug/l	100
17) Carbon Disulfide	2.793	76	112642	44.36	ug/l	99
18) Methyl Acetate	2.951	43	99763	53.83	ug/l	96
19) Methyl tert-butyl Ether	3.369	73	174646	53.54	ug/l	100
20) Methylene Chloride	3.051	84	53705	51.00	ug/l	95
21) trans-1,2-Dichloroethene	3.356	96	46885	48.61	ug/l	93
22) Diisopropyl ether	3.999	45	209324	54.62	ug/l	89
23) Vinyl Acetate	3.961	43	901253	242.99	ug/l	99
24) 1,1-Dichloroethane	3.877	63	104835	54.10	ug/l	99
25) 2-Butanone	4.707	43	331684	246.27	ug/l	98
26) 2,2-Dichloropropane	4.671	77	76128	44.78	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	55872	50.91	ug/l	97
28) Bromochloromethane	4.980	49	53922	54.56	ug/l	92
29) Tetrahydrofuran	5.054	42	211238	249.08	ug/l	95
30) Chloroform	5.096	83	107663	52.46	ug/l	99
31) Cyclohexane	5.395	56	86166	47.11	ug/l	96
32) 1,1,1-Trichloroethane	5.324	97	90959	50.13	ug/l	98
36) 1,1-Dichloropropene	5.533	75	72218	49.38	ug/l	99
37) Ethyl Acetate	4.809	43	114197	45.66	ug/l	98
38) Carbon Tetrachloride	5.533	117	77900	49.67	ug/l	98
39) Methylcyclohexane	6.768	83	72543	45.11	ug/l	95
40) Benzene	5.780	78	214832	51.40	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	66753	50.77	ug/l	97
42) 1,2-Dichloroethane	5.800	62	97169	52.41	ug/l	99
43) Isopropyl Acetate	5.916	43	171133	47.98	ug/l	98
44) Trichloroethene	6.549	130	54675	51.58	ug/l	98
45) 1,2-Dichloropropane	6.797	63	61323	52.67	ug/l	99
46) Dibromomethane	6.925	93	41402	50.28	ug/l	96
47) Bromodichloromethane	7.112	83	86291	53.08	ug/l	99
48) Methyl methacrylate	6.964	41	93790	52.38	ug/l	95
49) 1,4-Dioxane	6.970	88	32306	900.45	ug/l #	100
51) 4-Methyl-2-Pentanone	7.796	43	640348	242.66	ug/l	98
52) Toluene	7.977	92	130921	50.53	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	85765	47.51	ug/l	100
54) cis-1,3-Dichloropropene	7.613	75	88261	48.15	ug/l	96
55) 1,1,2-Trichloroethane	8.407	97	57018	51.30	ug/l	99
56) Ethyl methacrylate	8.340	69	88388	48.55	ug/l	95
57) 1,3-Dichloropropane	8.581	76	99846	52.00	ug/l	99
59) 2-Hexanone	8.690	43	514033	236.56	ug/l	99
60) Dibromochloromethane	8.816	129	64924	50.51	ug/l	97
61) 1,2-Dibromoethane	8.931	107	62009	49.46	ug/l	100
64) Tetrachloroethene	8.559	164	53832	55.45	ug/l	98
65) Chlorobenzene	9.452	112	136609	47.61	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.542	131	55483	50.58	ug/l	99
67) Ethyl Benzene	9.578	91	256898	49.61	ug/l	99
68) m/p-Xylenes	9.700	106	191715	100.06	ug/l	98
69) o-Xylene	10.108	106	90410	48.34	ug/l	97
70) Styrene	10.121	104	157888	50.14	ug/l	98
71) Bromoform	10.298	173	52806	46.72	ug/l #	98
73) Isopropylbenzene	10.491	105	251945	49.58	ug/l	99
74) N-amyl acetate	10.327	43	137717	42.18	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.790	83	106806	48.27	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	100908m	45.61	ug/l	
77) Bromobenzene	10.787	156	67859	47.94	ug/l	99
78) n-propylbenzene	10.912	91	298197	49.01	ug/l	99
79) 2-Chlorotoluene	10.993	91	179649	48.59	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	217633	48.52	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	30836	40.95	ug/l	95
82) 4-Chlorotoluene	11.102	91	213077	47.97	ug/l	98
83) tert-Butylbenzene	11.427	119	204790	46.44	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	220095	47.75	ug/l	99
85) sec-Butylbenzene	11.652	105	243377	47.09	ug/l	98
86) p-Isopropyltoluene	11.800	119	219047	46.04	ug/l	100
87) 1,3-Dichlorobenzene	11.751	146	120094	46.80	ug/l	100
88) 1,4-Dichlorobenzene	11.841	146	121759	45.49	ug/l	98
89) n-Butylbenzene	12.214	91	194197	43.58	ug/l	99
90) Hexachloroethane	12.481	117	33641	37.72	ug/l	100
91) 1,2-Dichlorobenzene	12.218	146	124428	47.45	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	27259	43.52	ug/l	90
93) 1,2,4-Trichlorobenzene	13.848	180	79425	45.94	ug/l	97
94) Hexachlorobutadiene	14.028	225	36853	42.39	ug/l	98
95) Naphthalene	14.092	128	273056	49.86	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	83597	49.74	ug/l	99

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

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