

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043395.D
 Acq On : 28 Apr 2021 18:46
 Operator : SY/MD
 Sample : M2133-06MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20210420MSD

Manual Integrations
 APPROVED

MMDadoda
 4/29/2021 11:38:05 AM

Quant Time: Apr 29 08:41:46 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	89219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	142518	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	136706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	78143	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	79747	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
35) Dibromofluoromethane	5.295	113	55717	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
50) Toluene-d8	7.906	98	190538	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	10.639	95	74211	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	46825	50.87	ug/l	100
3) Chloromethane	1.520	50	55590	56.83	ug/l	99
4) Vinyl Chloride	1.607	62	50321	50.13	ug/l	99
5) Bromomethane	1.838	94	31051	56.77	ug/l	99
6) Chloroethane	1.922	64	31957	46.15	ug/l	99
7) Trichlorofluoromethane	2.134	101	79393	46.55	ug/l	99
8) Diethyl Ether	2.379	74	28291	51.80	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.581	101	46214	52.66	ug/l	95
10) Methyl Iodide	2.726	142	59250	51.23	ug/l	99
11) Tert butyl alcohol	3.189	59	90449	233.99	ug/l #	75
12) 1,1-Dichloroethene	2.581	96	43706	52.33	ug/l	94
13) Acrolein	2.488	56	62896	260.56	ug/l	99
14) Allyl chloride	2.925	41	108337	53.45	ug/l	98
15) Acrylonitrile	3.317	53	214017	257.39	ug/l	98
16) Acetone	2.629	43	220182	249.45	ug/l	99
17) Carbon Disulfide	2.793	76	117669	45.81	ug/l	100
18) Methyl Acetate	2.951	43	103053	54.97	ug/l	96
19) Methyl tert-butyl Ether	3.369	73	177881	53.90	ug/l	99
20) Methylene Chloride	3.051	84	55823	52.41	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	50324	51.58	ug/l	97
22) Diisopropyl ether	3.999	45	215848	55.67	ug/l	88
23) Vinyl Acetate	3.960	43	923544	246.14	ug/l	99
24) 1,1-Dichloroethane	3.874	63	105461	53.79	ug/l	99
25) 2-Butanone	4.706	43	341855	250.91	ug/l	99
26) 2,2-Dichloropropane	4.671	77	76673	44.59	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	58034	52.28	ug/l	98
28) Bromochloromethane	4.983	49	55124	55.13	ug/l	91
29) Tetrahydrofuran	5.054	42	218553	254.75	ug/l	95
30) Chloroform	5.095	83	108985	52.49	ug/l	97
31) Cyclohexane	5.394	56	89503	48.38	ug/l	99
32) 1,1,1-Trichloroethane	5.324	97	93702	51.05	ug/l	98
36) 1,1-Dichloropropene	5.533	75	73368	48.53	ug/l	99
37) Ethyl Acetate	4.809	43	114862	44.43	ug/l	99
38) Carbon Tetrachloride	5.533	117	80308	49.54	ug/l	98
39) Methylcyclohexane	6.771	83	74824	45.01	ug/l	94
40) Benzene	5.780	78	219509	50.81	ug/l	99

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41) Methacrylonitrile	4.976	41	70221	51.66	ug/l	98
42) 1,2-Dichloroethane	5.800	62	98710	51.51	ug/l	99
43) Isopropyl Acetate	5.919	43	177166	48.05	ug/l	97
44) Trichloroethene	6.549	130	56808	51.84	ug/l	96
45) 1,2-Dichloropropane	6.796	63	64515	53.60	ug/l	98
46) Dibromomethane	6.925	93	44052	51.75	ug/l	95
47) Bromodichloromethane	7.111	83	87181	51.88	ug/l	96
48) Methyl methacrylate	6.967	41	95147	51.40	ug/l	96
49) 1,4-Dioxane	6.967	88	33624	906.64	ug/l #	97
51) 4-Methyl-2-Pentanone	7.796	43	664047	243.44	ug/l	98
52) Toluene	7.976	92	133162	49.72	ug/l	98
53) t-1,3-Dichloropropene	8.214	75	90748	48.64	ug/l	97
54) cis-1,3-Dichloropropene	7.613	75	91618	48.36	ug/l	97
55) 1,1,2-Trichloroethane	8.407	97	59095	51.43	ug/l	99
56) Ethyl methacrylate	8.340	69	92386	49.09	ug/l	96
57) 1,3-Dichloropropane	8.581	76	101937	51.36	ug/l	99
59) 2-Hexanone	8.690	43	540004	240.41	ug/l	98
60) Dibromochloromethane	8.816	129	67205	50.58	ug/l	99
61) 1,2-Dibromoethane	8.931	107	64843	50.04	ug/l	99
64) Tetrachloroethene	8.558	164	55259	55.71	ug/l	98
65) Chlorobenzene	9.452	112	140911	48.07	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.542	131	57174	51.02	ug/l	100
67) Ethyl Benzene	9.578	91	264263	49.95	ug/l	99
68) m/p-Xylenes	9.700	106	194393	99.30	ug/l	99
69) o-Xylene	10.108	106	95021	49.73	ug/l	99
70) Styrene	10.121	104	162460	50.50	ug/l	98
71) Bromoform	10.298	173	54535	47.23	ug/l #	99
73) Isopropylbenzene	10.491	105	257510	49.10	ug/l	99
74) N-amyl acetate	10.327	43	143035	42.45	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.790	83	109679	48.03	ug/l	97
76) 1,2,3-Trichloropropane	10.832	75	104703m	45.85	ug/l	
77) Bromobenzene	10.790	156	68351	46.78	ug/l	97
78) n-propylbenzene	10.912	91	307104	48.91	ug/l	99
79) 2-Chlorotoluene	10.992	91	184674	48.40	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	225152	48.63	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	31348	40.34	ug/l	94
82) 4-Chlorotoluene	11.102	91	221612	48.34	ug/l	99
83) tert-Butylbenzene	11.426	119	213035	46.81	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	229913	48.33	ug/l	98
85) sec-Butylbenzene	11.651	105	251379	47.13	ug/l	99
86) p-Isopropyltoluene	11.799	119	227751	46.38	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	123748	46.72	ug/l	99
88) 1,4-Dichlorobenzene	11.844	146	125130	45.29	ug/l	100
89) n-Butylbenzene	12.214	91	203884	44.33	ug/l	98
90) Hexachloroethane	12.481	117	35581	38.65	ug/l	95
91) 1,2-Dichlorobenzene	12.221	146	128456	47.46	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	27886	43.13	ug/l	94
93) 1,2,4-Trichlorobenzene	13.848	180	84903	47.53	ug/l	99
94) Hexachlorobutadiene	14.028	225	38564	42.99	ug/l	98
95) Naphthalene	14.092	128	291493	51.48	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	87112	50.20	ug/l	98

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

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