

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043377.D
 Acq On : 28 Apr 2021 11:43
 Operator : SY/MD
 Sample : VU0428WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0428WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/29/2021 11:37:17 AM

Quant Time: Apr 29 08:36:09 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	5.385	168	98863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	151505	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	142801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	78034	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	82392	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
35) Dibromofluoromethane	5.298	113	55799	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
50) Toluene-d8	7.906	98	191040	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
62) 4-Bromofluorobenzene	10.639	95	70898	43.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.90%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	19637	19.25	ug/l	99
3) Chloromethane	1.523	50	23052	20.50	ug/l	98
4) Vinyl Chloride	1.610	62	20418	18.36	ug/l	100
5) Bromomethane	1.864	94	13581	22.41	ug/l	97
6) Chloroethane	1.938	64	13473	17.53	ug/l	99
7) Trichlorofluoromethane	2.144	101	34763	18.39	ug/l	99
8) Diethyl Ether	2.382	74	12137	20.05	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.587	101	19940	20.50	ug/l	95
10) Methyl Iodide	2.729	142	22386	17.47	ug/l	97
11) Tert butyl alcohol	3.247	59	40196m	93.84	ug/l	
12) 1,1-Dichloroethene	2.587	96	18061	19.51	ug/l	96
13) Acrolein	2.497	56	25779	102.94	ug/l	99
14) Allyl chloride	2.932	41	45563	20.29	ug/l	97
15) Acrylonitrile	3.327	53	87079	94.51	ug/l	99
16) Acetone	2.649	43	98092	100.11	ug/l	98
17) Carbon Disulfide	2.800	76	48913	17.18	ug/l	98
18) Methyl Acetate	2.957	43	45524	21.91	ug/l	96
19) Methyl tert-butyl Ether	3.372	73	71925	19.67	ug/l	99
20) Methylene Chloride	3.054	84	22425	19.00	ug/l	92
21) trans-1,2-Dichloroethene	3.362	96	20080	18.57	ug/l	97
22) Diisopropyl ether	4.005	45	87859	20.45	ug/l	91
23) Vinyl Acetate	3.967	43	398504	95.85	ug/l	98
24) 1,1-Dichloroethane	3.880	63	43126	19.85	ug/l	100
25) 2-Butanone	4.719	43	137903	91.34	ug/l	98
26) 2,2-Dichloropropane	4.674	77	36296	19.05	ug/l	99
27) cis-1,2-Dichloroethene	4.677	96	23888	19.42	ug/l	95
28) Bromochloromethane	4.983	49	22618	20.42	ug/l	93
29) Tetrahydrofuran	5.066	42	86861	91.37	ug/l	95
30) Chloroform	5.099	83	44960	19.54	ug/l	93
31) Cyclohexane	5.394	56	38385	18.72	ug/l	96
32) 1,1,1-Trichloroethane	5.327	97	39945	19.64	ug/l	97
36) 1,1-Dichloropropene	5.536	75	31193	19.41	ug/l	99
37) Ethyl Acetate	4.816	43	49697	18.08	ug/l	98
38) Carbon Tetrachloride	5.533	117	32317	18.75	ug/l	99
39) Methylcyclohexane	6.774	83	31482	17.82	ug/l	96
40) Benzene	5.784	78	89636	19.52	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	27428	18.98	ug/l	97
42) 1,2-Dichloroethane	5.803	62	40591	19.93	ug/l	99
43) Isopropyl Acetate	5.922	43	72544	18.51	ug/l	97
44) Trichloroethene	6.549	130	23476	20.15	ug/l	87
45) 1,2-Dichloropropane	6.800	63	25543	19.96	ug/l	99
46) Dibromomethane	6.928	93	17797	19.67	ug/l	95
47) Bromodichloromethane	7.115	83	35544	19.90	ug/l	98
48) Methyl methacrylate	6.970	41	35771	18.18	ug/l	97
49) 1,4-Dioxane	7.021	88	13935	353.45	ug/l #	51
51) 4-Methyl-2-Pentanone	7.803	43	262509	90.53	ug/l	98
52) Toluene	7.976	92	54957	19.30	ug/l	98
53) t-1,3-Dichloropropene	8.217	75	35453	17.87	ug/l	99
54) cis-1,3-Dichloropropene	7.616	75	38548	19.14	ug/l	98
55) 1,1,2-Trichloroethane	8.407	97	23293	19.07	ug/l	99
56) Ethyl methacrylate	8.340	69	34590	17.29	ug/l	94
57) 1,3-Dichloropropane	8.584	76	40600	19.24	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.472	63	37798	51.42	ug/l	98
59) 2-Hexanone	8.697	43	210456	88.14	ug/l	96
60) Dibromochloromethane	8.816	129	26064	18.45	ug/l	100
61) 1,2-Dibromoethane	8.931	107	25251	18.33	ug/l	98
64) Tetrachloroethene	8.562	164	22376	21.60	ug/l	96
65) Chlorobenzene	9.452	112	56911	18.58	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.542	131	22183	18.95	ug/l	98
67) Ethyl Benzene	9.578	91	103038	18.64	ug/l	99
68) m/p-Xylenes	9.700	106	76025	37.18	ug/l	100
69) o-Xylene	10.108	106	36641	18.36	ug/l	100
70) Styrene	10.121	104	60621	18.04	ug/l	99
71) Bromoform	10.298	173	19981	16.56	ug/l #	95
73) Isopropylbenzene	10.491	105	98806	18.87	ug/l	99
74) N-amyl acetate	10.330	43	59746	17.76	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.793	83	41975	18.41	ug/l	97
76) 1,2,3-Trichloropropane	10.832	75	39768m	17.44	ug/l	
77) Bromobenzene	10.790	156	26341	18.05	ug/l	94
78) n-propylbenzene	10.912	91	118149	18.84	ug/l	99
79) 2-Chlorotoluene	10.992	91	70880	18.60	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	84281	18.23	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	11860	15.28	ug/l	88
82) 4-Chlorotoluene	11.105	91	84654	18.49	ug/l	99
83) tert-Butylbenzene	11.430	119	79678	17.53	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	85372	17.97	ug/l	99
85) sec-Butylbenzene	11.651	105	97455	18.30	ug/l	98
86) p-Isopropyltoluene	11.799	119	86894	17.72	ug/l	98
87) 1,3-Dichlorobenzene	11.751	146	49952	18.89	ug/l	99
88) 1,4-Dichlorobenzene	11.844	146	48812	17.69	ug/l	99
89) n-Butylbenzene	12.217	91	79852	17.39	ug/l	96
90) Hexachloroethane	12.481	117	13733	14.94	ug/l	97
91) 1,2-Dichlorobenzene	12.221	146	49001	18.13	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	10681	16.54	ug/l	89
93) 1,2,4-Trichlorobenzene	13.847	180	32348	19.06	ug/l	99
94) Hexachlorobutadiene	14.031	225	16229	17.80	ug/l	99
95) Naphthalene	14.092	128	99945	19.48	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	32442	19.64	ug/l	99

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

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