

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041921\
 Data File : VU043185.D
 Acq On : 19 Apr 2021 10:59
 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
 4/23/2021 12:02:56 PM

Quant Time: Apr 20 02:52:12 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	111388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	170204	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.426	117	163543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	93357	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	91473	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
35) Dibromofluoromethane	5.298	113	63796	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
50) Toluene-d8	7.906	98	226504	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
62) 4-Bromofluorobenzene	10.639	95	86988	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	54012	47.00	ug/l	100
3) Chloromethane	1.523	50	58739	47.91	ug/l	100
4) Vinyl Chloride	1.607	62	58406	46.61	ug/l	100
5) Bromomethane	1.858	94	32450	47.52	ug/l	99
6) Chloroethane	1.928	64	45784	52.96	ug/l	97
7) Trichlorofluoromethane	2.137	101	107533	50.50	ug/l	97
8) Diethyl Ether	2.382	74	33810	49.58	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.584	101	55282	50.45	ug/l	97
10) Methyl Iodide	2.726	142	56065	38.83	ug/l	98
11) Tert butyl alcohol	3.221	59	104193	215.90	ug/l #	97
12) 1,1-Dichloroethene	2.584	96	52801	50.63	ug/l	97
13) Acrolein	2.494	56	59641	200.41	ug/l	98
14) Allyl chloride	2.928	41	124221	49.09	ug/l	97
15) Acrylonitrile	3.324	53	245299	236.29	ug/l	99
16) Acetone	2.639	43	245647	222.88	ug/l	100
17) Carbon Disulfide	2.797	76	142393	44.40	ug/l	100
18) Methyl Acetate	2.954	43	123460	52.75	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	214144	51.98	ug/l	97
20) Methylene Chloride	3.051	84	64551	48.54	ug/l	96
21) trans-1,2-Dichloroethene	3.359	96	59467	48.82	ug/l	99
22) Diisopropyl ether	4.002	45	251555	51.97	ug/l	94
23) Vinyl Acetate	3.964	43	1206950	257.65	ug/l	99
24) 1,1-Dichloroethane	3.877	63	123912	50.63	ug/l	99
25) 2-Butanone	4.713	43	393158	231.13	ug/l	99
26) 2,2-Dichloropropane	4.674	77	108138	50.37	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	70796	51.08	ug/l	99
28) Bromochloromethane	4.983	49	62314	49.92	ug/l	97
29) Tetrahydrofuran	5.060	42	250012	233.42	ug/l	98
30) Chloroform	5.099	83	132653	51.17	ug/l	96
31) Cyclohexane	5.398	56	110261	47.73	ug/l	96
32) 1,1,1-Trichloroethane	5.327	97	115875	50.57	ug/l	98
36) 1,1-Dichloropropene	5.533	75	91815	50.85	ug/l	99
37) Ethyl Acetate	4.813	43	148765	48.18	ug/l	98
38) Carbon Tetrachloride	5.533	117	100956	52.15	ug/l	98
39) Methylcyclohexane	6.771	83	97457	49.09	ug/l	98
40) Benzene	5.784	78	264746	51.31	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	80005	49.29	ug/l	97
42) 1,2-Dichloroethane	5.803	62	119319	52.14	ug/l	99
43) Isopropyl Acetate	5.919	43	221902	50.39	ug/l	97
44) Trichloroethene	6.549	130	69933	53.44	ug/l	97
45) 1,2-Dichloropropane	6.800	63	73896	51.41	ug/l	98
46) Dibromomethane	6.925	93	53058	52.19	ug/l	95
47) Bromodichloromethane	7.115	83	106682	53.16	ug/l	100
48) Methyl methacrylate	6.967	41	111075	50.25	ug/l	97
49) 1,4-Dioxane	6.999	88	41232	930.93	ug/l #	98
51) 4-Methyl-2-Pentanone	7.803	43	781615	239.93	ug/l	98
52) Toluene	7.976	92	169317	52.94	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	116141	52.12	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	117564	51.96	ug/l	94
55) 1,1,2-Trichloroethane	8.407	97	71726	52.27	ug/l	96
56) Ethyl methacrylate	8.340	69	114174	50.80	ug/l	96
57) 1,3-Dichloropropane	8.584	76	123849	52.25	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	165351	179.13	ug/l	99
59) 2-Hexanone	8.697	43	623612	232.48	ug/l	99
60) Dibromochloromethane	8.819	129	85174	53.67	ug/l	99
61) 1,2-Dibromoethane	8.931	107	80901	52.27	ug/l	100
64) Tetrachloroethene	8.562	164	65953	55.58	ug/l	99
65) Chlorobenzene	9.455	112	182300	51.98	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	72882	54.36	ug/l	98
67) Ethyl Benzene	9.578	91	339802	53.68	ug/l	98
68) m/p-Xylenes	9.700	106	249979	106.74	ug/l	100
69) o-Xylene	10.108	106	119147	52.12	ug/l	99
70) Styrene	10.121	104	205041	53.27	ug/l	98
71) Bromoform	10.298	173	67782	49.06	ug/l #	98
73) Isopropylbenzene	10.491	105	328851	52.48	ug/l	99
74) N-amyl acetate	10.327	43	192701	47.87	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.790	83	135169	49.54	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	128157m	46.98	ug/l	
77) Bromobenzene	10.790	156	85754	49.13	ug/l	96
78) n-propylbenzene	10.915	91	397416	52.97	ug/l	99
79) 2-Chlorotoluene	10.992	91	235340	51.62	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	292496	52.88	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.552	75	39834	42.91	ug/l	93
82) 4-Chlorotoluene	11.105	91	282392	51.56	ug/l	99
83) tert-Butylbenzene	11.430	119	275493	50.66	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	292064	51.39	ug/l	98
85) sec-Butylbenzene	11.651	105	325372	51.06	ug/l	99
86) p-Isopropyltoluene	11.803	119	299918	51.12	ug/l	99
87) 1,3-Dichlorobenzene	11.754	146	157146	49.66	ug/l	100
88) 1,4-Dichlorobenzene	11.844	146	160579	48.65	ug/l	98
89) n-Butylbenzene	12.217	91	274566	49.97	ug/l	99
90) Hexachloroethane	12.484	117	48858	44.43	ug/l	100
91) 1,2-Dichlorobenzene	12.221	146	159172	49.23	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	34726	44.96	ug/l	95
93) 1,2,4-Trichlorobenzene	13.848	180	104311	48.83	ug/l	99
94) Hexachlorobutadiene	14.031	225	51671	48.28	ug/l	98
95) Naphthalene	14.095	128	326564	48.45	ug/l	100
96) 1,2,3-Trichlorobenzene	14.339	180	104399	50.36	ug/l	99

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

