

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041921\
 Data File : VU043211.D
 Acq On : 19 Apr 2021 21:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/23/2021 12:02:47 PM

Quant Time: Apr 20 03:00:56 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	105284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	164743	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	158135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	90796	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	89867	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
35) Dibromofluoromethane	5.298	113	61718	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
50) Toluene-d8	7.906	98	218766	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
62) 4-Bromofluorobenzene	10.639	95	84731	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	50015	46.04	ug/l	99
3) Chloromethane	1.523	50	53078	45.75	ug/l	98
4) Vinyl Chloride	1.607	62	52990	44.74	ug/l	96
5) Bromomethane	1.854	94	27520	42.63	ug/l	96
6) Chloroethane	1.928	64	38424	47.02	ug/l	97
7) Trichlorofluoromethane	2.137	101	97118	48.25	ug/l	97
8) Diethyl Ether	2.382	74	33121	51.39	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.584	101	51727	49.94	ug/l	96
10) Methyl Iodide	2.726	142	58431	42.81	ug/l	97
11) Tert butyl alcohol	3.202	59	112977m	247.67	ug/l	
12) 1,1-Dichloroethene	2.584	96	49170	49.89	ug/l	99
13) Acrolein	2.491	56	60808	215.35	ug/l	97
14) Allyl chloride	2.928	41	119316	49.89	ug/l	99
15) Acrylonitrile	3.321	53	253359	258.21	ug/l	99
16) Acetone	2.632	43	260958	250.53	ug/l	99
17) Carbon Disulfide	2.796	76	132984	43.87	ug/l	99
18) Methyl Acetate	2.951	43	133098	60.16	ug/l	98
19) Methyl tert-butyl Ether	3.369	73	205186	52.69	ug/l	98
20) Methylene Chloride	3.050	84	61590	49.00	ug/l	96
21) trans-1,2-Dichloroethene	3.359	96	55659	48.34	ug/l	99
22) Diisopropyl ether	3.999	45	241080	52.69	ug/l	98
23) Vinyl Acetate	3.964	43	1153029	260.41	ug/l	100
24) 1,1-Dichloroethane	3.877	63	117701	50.88	ug/l	99
25) 2-Butanone	4.710	43	417268	259.53	ug/l	98
26) 2,2-Dichloropropane	4.674	77	94022	46.33	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	67759	51.72	ug/l	99
28) Bromochloromethane	4.980	49	58900	49.92	ug/l	97
29) Tetrahydrofuran	5.057	42	264313	261.08	ug/l	98
30) Chloroform	5.095	83	126982	51.83	ug/l	94
31) Cyclohexane	5.394	56	100448	46.01	ug/l	96
32) 1,1,1-Trichloroethane	5.324	97	112204	51.80	ug/l	99
36) 1,1-Dichloropropene	5.536	75	85150	48.72	ug/l	99
37) Ethyl Acetate	4.809	43	149448	50.00	ug/l	99
38) Carbon Tetrachloride	5.533	117	96497	51.50	ug/l	98
39) Methylcyclohexane	6.771	83	88654	46.14	ug/l	98
40) Benzene	5.780	78	252058	50.47	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	82066	52.23	ug/l	97
42) 1,2-Dichloroethane	5.803	62	116057	52.39	ug/l	99
43) Isopropyl Acetate	5.919	43	219350	51.47	ug/l	98
44) Trichloroethene	6.549	130	65271	51.53	ug/l	92
45) 1,2-Dichloropropane	6.796	63	72016	51.76	ug/l	95
46) Dibromomethane	6.925	93	51356	52.19	ug/l	97
47) Bromodichloromethane	7.111	83	101828	52.42	ug/l	100
48) Methyl methacrylate	6.967	41	111741	52.22	ug/l	96
49) 1,4-Dioxane	6.992	88	44361	1034.78	ug/l #	99
51) 4-Methyl-2-Pentanone	7.799	43	801893	254.31	ug/l	98
52) Toluene	7.976	92	158716	51.27	ug/l	99
53) t-1,3-Dichloropropene	8.217	75	108681	50.39	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	112004	51.14	ug/l	94
55) 1,1,2-Trichloroethane	8.407	97	68311	51.44	ug/l	99
56) Ethyl methacrylate	8.340	69	112253	51.60	ug/l	95
57) 1,3-Dichloropropane	8.581	76	119954	52.28	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.468	63	193299	214.84	ug/l	99
59) 2-Hexanone	8.693	43	659447	253.98	ug/l	99
60) Dibromochloromethane	8.816	129	81115	52.81	ug/l	99
61) 1,2-Dibromoethane	8.928	107	78015	52.08	ug/l	98
64) Tetrachloroethene	8.558	164	59045	51.46	ug/l	97
65) Chlorobenzene	9.452	112	171509	50.58	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	70139	54.10	ug/l	98
67) Ethyl Benzene	9.578	91	317507	51.88	ug/l	99
68) m/p-Xylenes	9.700	106	233152	102.96	ug/l	99
69) o-Xylene	10.108	106	112531	50.91	ug/l	98
70) Styrene	10.121	104	195898	52.64	ug/l	98
71) Bromoform	10.298	173	67231	50.33	ug/l #	98
73) Isopropylbenzene	10.491	105	314455	51.60	ug/l	99
74) N-amyl acetate	10.327	43	195936	50.04	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	134751	50.78	ug/l	98
76) 1,2,3-Trichloropropane	10.832	75	137047m	51.65	ug/l	
77) Bromobenzene	10.790	156	82428	48.55	ug/l	98
78) n-propylbenzene	10.912	91	369840	50.69	ug/l	99
79) 2-Chlorotoluene	10.992	91	218694	49.33	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	272193	50.60	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	40049	44.35	ug/l	95
82) 4-Chlorotoluene	11.102	91	262066	49.20	ug/l	100
83) tert-Butylbenzene	11.426	119	265890	50.28	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	277224	50.16	ug/l	98
85) sec-Butylbenzene	11.651	105	307801	49.66	ug/l	99
86) p-Isopropyltoluene	11.799	119	281948	49.42	ug/l	100
87) 1,3-Dichlorobenzene	11.751	146	148636	48.30	ug/l	99
88) 1,4-Dichlorobenzene	11.844	146	151819	47.29	ug/l	99
89) n-Butylbenzene	12.214	91	250020	46.79	ug/l	98
90) Hexachloroethane	12.481	117	47188	44.12	ug/l	98
91) 1,2-Dichlorobenzene	12.220	146	152057	48.35	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	37918	50.48	ug/l	94
93) 1,2,4-Trichlorobenzene	13.847	180	98582	47.49	ug/l	98
94) Hexachlorobutadiene	14.028	225	48146	46.23	ug/l	98
95) Naphthalene	14.092	128	320560	48.87	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	100142	49.69	ug/l	100

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

