

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041221\
 Data File : VU043037.D
 Acq On : 12 Apr 2021 20:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/13/2021 5:47:22 PM

Quant Time: Apr 13 05:17:53 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	120474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	187134	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	187670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	106356	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	94989	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
35) Dibromofluoromethane	5.298	113	66281	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
50) Toluene-d8	7.906	98	243086	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
62) 4-Bromofluorobenzene	10.639	95	96021	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	62663	50.41	ug/l	100
3) Chloromethane	1.523	50	69829	52.78	ug/l	96
4) Vinyl Chloride	1.607	62	68654	50.65	ug/l	100
5) Bromomethane	1.842	94	46172	62.51	ug/l	99
6) Chloroethane	1.925	64	46891	50.15	ug/l	97
7) Trichlorofluoromethane	2.138	101	111257	48.31	ug/l	98
8) Diethyl Ether	2.379	74	37787	51.24	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.584	101	57410	48.44	ug/l	98
10) Methyl Iodide	2.726	142	78916	50.53	ug/l	98
11) Tert butyl alcohol	3.189	59	118079	226.22	ug/l #	75
12) 1,1-Dichloroethene	2.584	96	56058	49.70	ug/l	99
13) Acrolein	2.488	56	72160	222.95	ug/l	100
14) Allyl chloride	2.928	41	134426	49.12	ug/l	98
15) Acrylonitrile	3.318	53	279055	248.54	ug/l	99
16) Acetone	2.626	43	270232	226.70	ug/l	100
17) Carbon Disulfide	2.797	76	163196	47.05	ug/l	98
18) Methyl Acetate	2.948	43	124704	49.26	ug/l	98
19) Methyl tert-butyl Ether	3.369	73	227471	51.05	ug/l	98
20) Methylene Chloride	3.051	84	67761	47.11	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	63394	48.12	ug/l	94
22) Diisopropyl ether	3.999	45	272339	52.02	ug/l	92
23) Vinyl Acetate	3.961	43	1346563	265.78	ug/l	99
24) 1,1-Dichloroethane	3.877	63	129845	49.05	ug/l	99
25) 2-Butanone	4.707	43	461607	250.90	ug/l	100
26) 2,2-Dichloropropane	4.674	77	110646	47.65	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	76140	50.79	ug/l	98
28) Bromochloromethane	4.983	49	65673	48.64	ug/l	98
29) Tetrahydrofuran	5.054	42	293284	253.17	ug/l	98
30) Chloroform	5.096	83	141172	50.35	ug/l	92
31) Cyclohexane	5.395	56	122150	48.89	ug/l	95
32) 1,1,1-Trichloroethane	5.324	97	123259	49.73	ug/l	99
36) 1,1-Dichloropropene	5.533	75	99795	50.27	ug/l	100
37) Ethyl Acetate	4.806	43	169305	49.87	ug/l	99
38) Carbon Tetrachloride	5.533	117	108101	50.79	ug/l	98
39) Methylcyclohexane	6.771	83	109181	50.02	ug/l	93
40) Benzene	5.780	78	289857	51.10	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	92133	51.62	ug/l	99
42) 1,2-Dichloroethane	5.800	62	126866	50.42	ug/l	99
43) Isopropyl Acetate	5.915	43	251838	52.02	ug/l	98
44) Trichloroethene	6.549	130	69581	48.36	ug/l	95
45) 1,2-Dichloropropane	6.796	63	82025	51.90	ug/l	95
46) Dibromomethane	6.925	93	55675	49.81	ug/l	95
47) Bromodichloromethane	7.112	83	111153	50.38	ug/l	99
48) Methyl methacrylate	6.967	41	130875	53.85	ug/l	97
49) 1,4-Dioxane	6.970	88	45103	926.20	ug/l #	99
51) 4-Methyl-2-Pentanone	7.800	43	912555	254.78	ug/l	99
52) Toluene	7.976	92	180185	51.24	ug/l	97
53) t-1,3-Dichloropropene	8.218	75	125844	51.37	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	128392	51.61	ug/l	96
55) 1,1,2-Trichloroethane	8.407	97	76970	51.02	ug/l	99
56) Ethyl methacrylate	8.340	69	133435	54.00	ug/l	97
57) 1,3-Dichloropropane	8.581	76	134522	51.62	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	266735	259.42	ug/l	98
59) 2-Hexanone	8.690	43	753338	255.43	ug/l	100
60) Dibromochloromethane	8.816	129	90978	52.14	ug/l	98
61) 1,2-Dibromoethane	8.931	107	89013	52.31	ug/l	99
64) Tetrachloroethene	8.558	164	65038	47.76	ug/l	97
65) Chlorobenzene	9.452	112	195255	48.52	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	77275	50.23	ug/l	99
67) Ethyl Benzene	9.578	91	369907	50.93	ug/l	99
68) m/p-Xylenes	9.700	106	276182	102.77	ug/l	98
69) o-Xylene	10.108	106	130579	49.78	ug/l	97
70) Styrene	10.121	104	228009	51.63	ug/l	98
71) Bromoform	10.298	173	79512	50.16	ug/l #	99
73) Isopropylbenzene	10.491	105	365382	51.19	ug/l	100
74) N-amyl acetate	10.327	43	228235	49.77	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	155412	50.00	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	156843m	50.47	ug/l	
77) Bromobenzene	10.790	156	97988	49.28	ug/l	100
78) n-propylbenzene	10.912	91	440157	51.50	ug/l	99
79) 2-Chlorotoluene	10.992	91	262759	50.59	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	327051	51.90	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	51455	48.65	ug/l	96
82) 4-Chlorotoluene	11.102	91	311658	49.95	ug/l	99
83) tert-Butylbenzene	11.427	119	319883	51.64	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	329776	50.93	ug/l	100
85) sec-Butylbenzene	11.652	105	373479	51.44	ug/l	99
86) p-Isopropyltoluene	11.800	119	346098	51.79	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	176477	48.95	ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	179177	47.65	ug/l	99
89) n-Butylbenzene	12.214	91	315101	50.34	ug/l	99
90) Hexachloroethane	12.481	117	63398	50.60	ug/l	100
91) 1,2-Dichlorobenzene	12.221	146	180578	49.02	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	42990	48.86	ug/l	96
93) 1,2,4-Trichlorobenzene	13.848	180	116529	47.91	ug/l	100
94) Hexachlorobutadiene	14.028	225	57617	47.24	ug/l	98
95) Naphthalene	14.095	128	396934	51.51	ug/l	100
96) 1,2,3-Trichlorobenzene	14.340	180	115205	48.82	ug/l	98

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

