

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040921\
 Data File : VU042993.D
 Acq On : 08 Apr 2021 18:22
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 1:47:18 PM

Quant Time: Apr 09 06:24:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U040921W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 09 06:22:06 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.382	168	108306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	169010	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	171246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	103884	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	85157	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
35) Dibromofluoromethane	5.298	113	58449	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
50) Toluene-d8	7.906	98	214460	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
62) 4-Bromofluorobenzene	10.639	95	91287	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	51962	42.17	ug/l	100
3) Chloromethane	1.523	50	60954	44.49	ug/l	100
4) Vinyl Chloride	1.607	62	58495	46.93	ug/l	100
5) Bromomethane	1.838	94	36108	42.73	ug/l	100
6) Chloroethane	1.925	64	39779	41.97	ug/l	100
7) Trichlorofluoromethane	2.137	101	99164	45.81	ug/l	100
8) Diethyl Ether	2.379	74	32695	47.76	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.584	101	50680	48.35	ug/l	100
10) Methyl Iodide	2.726	142	72181	51.03	ug/l	100
11) Tert butyl alcohol	3.205	59	116493	297.42	ug/l	100
12) 1,1-Dichloroethene	2.581	96	47762	48.43	ug/l	100
13) Acrolein	2.488	56	82302	444.20	ug/l	100
14) Allyl chloride	2.928	41	117696	53.62	ug/l	100
15) Acrylonitrile	3.317	53	247590	282.93	ug/l	100
16) Acetone	2.626	43	248550	249.52	ug/l	100
17) Carbon Disulfide	2.797	76	137773	49.40	ug/l	100
18) Methyl Acetate	2.951	43	115767	56.90	ug/l	100
19) Methyl tert-butyl Ether	3.369	73	199654	52.82	ug/l	100
20) Methylene Chloride	3.051	84	59323	47.36	ug/l	100
21) trans-1,2-Dichloroethene	3.356	96	57120	51.28	ug/l	100
22) Diisopropyl ether	3.999	45	234449	53.51	ug/l	100
23) Vinyl Acetate	3.960	43	1143405	278.08	ug/l	100
24) 1,1-Dichloroethane	3.877	63	116030	50.84	ug/l	100
25) 2-Butanone	4.706	43	415182	285.50	ug/l	100
26) 2,2-Dichloropropane	4.674	77	100745	50.35	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	66551	52.20	ug/l	100
28) Bromochloromethane	4.980	49	59337	52.79	ug/l	100
29) Tetrahydrofuran	5.054	42	265819	294.16	ug/l	100
30) Chloroform	5.095	83	124134	51.61	ug/l	100
31) Cyclohexane	5.394	56	103803	48.11	ug/l	100
32) 1,1,1-Trichloroethane	5.324	97	109727	51.40	ug/l	100
36) 1,1-Dichloropropene	5.533	75	88557	52.66	ug/l	100
37) Ethyl Acetate	4.806	43	148288	55.73	ug/l	100
38) Carbon Tetrachloride	5.533	117	95511	50.03	ug/l	100
39) Methylcyclohexane	6.771	83	94801	49.78	ug/l	100
40) Benzene	5.780	78	251096	49.99	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	80325	57.44	ug/l	100
42) 1,2-Dichloroethane	5.800	62	113381	52.38	ug/l	100
43) Isopropyl Acetate	5.915	43	218245	54.80	ug/l	100
44) Trichloroethene	6.549	130	62630	48.89	ug/l	100
45) 1,2-Dichloropropane	6.800	63	70677	52.81	ug/l	100
46) Dibromomethane	6.925	93	50182	52.53	ug/l	100
47) Bromodichloromethane	7.115	83	98787	51.15	ug/l	100
48) Methyl methacrylate	6.967	41	112453	58.16	ug/l	100
49) 1,4-Dioxane	6.970	88	45001	1184.59	ug/l	100
51) 4-Methyl-2-Pentanone	7.800	43	850401	299.53	ug/l	100
52) Toluene	7.976	92	162871	53.01	ug/l	100
53) t-1,3-Dichloropropene	8.217	75	111874	54.35	ug/l	100
54) cis-1,3-Dichloropropene	7.613	75	115274	53.48	ug/l	100
55) 1,1,2-Trichloroethane	8.407	97	69297	52.32	ug/l	100
56) Ethyl methacrylate	8.340	69	119426	57.94	ug/l	100
57) 1,3-Dichloropropane	8.581	76	121523	53.08	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	234622	428.65	ug/l	100
59) 2-Hexanone	8.693	43	717908	315.15	ug/l	100
60) Dibromochloromethane	8.819	129	81233	52.69	ug/l	100
61) 1,2-Dibromoethane	8.931	107	79834	52.68	ug/l	100
64) Tetrachloroethene	8.558	164	56338	42.23	ug/l	100
65) Chlorobenzene	9.452	112	178813	51.15	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	71861	51.64	ug/l	100
67) Ethyl Benzene	9.578	91	333104	52.98	ug/l	100
68) m/p-Xylenes	9.700	106	248252	107.50	ug/l	100
69) o-Xylene	10.108	106	120169	53.62	ug/l	100
70) Styrene	10.121	104	209575	55.24	ug/l	100
71) Bromoform	10.298	173	73039	54.79	ug/l #	100
73) Isopropylbenzene	10.491	105	334197	50.70	ug/l	100
74) N-amyl acetate	10.330	43	210302	55.58	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.790	83	148303	53.69	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	155813m	56.96	ug/l	
77) Bromobenzene	10.790	156	90988	49.95	ug/l	100
78) n-propylbenzene	10.912	91	417247	53.53	ug/l	100
79) 2-Chlorotoluene	10.992	91	247705	52.54	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	308294	53.64	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	49074	53.68	ug/l	100
82) 4-Chlorotoluene	11.102	91	300328	53.31	ug/l	100
83) tert-Butylbenzene	11.426	119	301356	53.41	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	314205	54.16	ug/l	100
85) sec-Butylbenzene	11.651	105	352323	54.13	ug/l	100
86) p-Isopropyltoluene	11.799	119	329227	55.33	ug/l	100
87) 1,3-Dichlorobenzene	11.754	146	170920	51.94	ug/l	100
88) 1,4-Dichlorobenzene	11.844	146	171748	50.96	ug/l	100
89) n-Butylbenzene	12.217	91	309507	55.04	ug/l	100
90) Hexachloroethane	12.484	117	59862	52.80	ug/l	100
91) 1,2-Dichlorobenzene	12.221	146	170624	51.10	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.005	75	40604	55.56	ug/l	100
93) 1,2,4-Trichlorobenzene	13.848	180	108319	51.58	ug/l	100
94) Hexachlorobutadiene	14.028	225	55196	45.43	ug/l	100
95) Naphthalene	14.095	128	343564	57.75	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	107705	50.92	ug/l	100

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

