

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021721\
 Data File : VU042324.D
 Acq On : 17 Feb 2021 12:41
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 2/19/2021 2:40:53 PM

Quant Time: Feb 18 03:21:56 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 18 03:20:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.385	168	143159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	223145	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	207890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	114908	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	112794	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	
35) Dibromofluoromethane	5.298	113	80044	40.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.56%	
50) Toluene-d8	7.906	98	283376	38.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.58%	
62) 4-Bromofluorobenzene	10.639	95	110207	38.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.14%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	91049	57.99	ug/l	100
3) Chloromethane	1.523	50	86986	46.55	ug/l	100
4) Vinyl Chloride	1.607	62	86383	46.14	ug/l	100
5) Bromomethane	1.861	94	49984	48.02	ug/l	100
6) Chloroethane	1.935	64	48973	40.70	ug/l	100
7) Trichlorofluoromethane	2.141	101	132074	51.63	ug/l	100
8) Diethyl Ether	2.382	74	41266	38.66	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.588	101	68085	41.69	ug/l	100
10) Methyl Iodide	2.729	142	101815	68.73	ug/l	100
11) Tert butyl alcohol	3.260	59	115758	250.60	ug/l	100
12) 1,1-Dichloroethene	2.585	96	66725	43.34	ug/l	100
13) Acrolein	2.498	56	66100	181.68	ug/l	100
14) Allyl chloride	2.932	41	150933	50.01	ug/l	100
15) Acrylonitrile	3.327	53	280673	247.16	ug/l	100
16) Acetone	2.646	43	317082	273.14	ug/l	100
17) Carbon Disulfide	2.800	76	197941	54.47	ug/l	100
18) Methyl Acetate	2.957	43	122174	44.93	ug/l	100
19) Methyl tert-butyl Ether	3.372	73	251964	45.03	ug/l	100
20) Methylene Chloride	3.054	84	76561	38.66	ug/l	100
21) trans-1,2-Dichloroethene	3.363	96	72738	44.63	ug/l	100
22) Diisopropyl ether	4.002	45	283765	48.96	ug/l	100
23) Vinyl Acetate	3.967	43	1374892	283.76	ug/l	100
24) 1,1-Dichloroethane	3.880	63	146790	42.94	ug/l	100
25) 2-Butanone	4.716	43	449890	291.52	ug/l	100
26) 2,2-Dichloropropane	4.674	77	133472	47.68	ug/l	100
27) cis-1,2-Dichloroethene	4.678	96	85893	43.69	ug/l	100
28) Bromochloromethane	4.983	49	78293	49.45	ug/l	100
29) Tetrahydrofuran	5.064	42	278964	296.43	ug/l	100
30) Chloroform	5.099	83	150132	43.06	ug/l	100
31) Cyclohexane	5.398	56	136535	52.33	ug/l	100
32) 1,1,1-Trichloroethane	5.327	97	137054	48.29	ug/l	100
36) 1,1-Dichloropropene	5.536	75	110198	45.78	ug/l	100
37) Ethyl Acetate	4.813	43	166069	56.45	ug/l	100
38) Carbon Tetrachloride	5.533	117	119967	46.52	ug/l	100
39) Methylcyclohexane	6.771	83	126300	48.77	ug/l	100
40) Benzene	5.784	78	309928	40.78	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	88232	56.77	ug/l	100
42) 1,2-Dichloroethane	5.803	62	134233	49.15	ug/l	100
43) Isopropyl Acetate	5.919	43	247267	54.33	ug/l	100
44) Trichloroethene	6.552	130	82777	39.45	ug/l	100
45) 1,2-Dichloropropane	6.800	63	85599	38.85	ug/l	100
46) Dibromomethane	6.928	93	61386	43.61	ug/l	100
47) Bromodichloromethane	7.115	83	120793	41.87	ug/l	100
48) Methyl methacrylate	6.967	41	125690	57.50	ug/l	100
49) 1,4-Dioxane	7.015	88	50806	1079.51	ug/l #	100
51) 4-Methyl-2-Pentanone	7.803	43	850078	270.77	ug/l	100
52) Toluene	7.977	92	194085	40.91	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	133234	44.36	ug/l	100
54) cis-1,3-Dichloropropene	7.616	75	139990	42.84	ug/l	100
55) 1,1,2-Trichloroethane	8.407	97	79847	37.41	ug/l	100
56) Ethyl methacrylate	8.343	69	136602	46.57	ug/l	100
57) 1,3-Dichloropropane	8.584	76	140474	40.01	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	246397	255.36	ug/l	100
59) 2-Hexanone	8.697	43	694146	292.26	ug/l	100
60) Dibromochloromethane	8.816	129	95429	41.20	ug/l	100
61) 1,2-Dibromoethane	8.932	107	90963	42.77	ug/l	100
64) Tetrachloroethene	8.562	164	76894	43.22	ug/l	100
65) Chlorobenzene	9.456	112	208887	40.75	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	82873	41.98	ug/l	100
67) Ethyl Benzene	9.578	91	382090	45.09	ug/l	100
68) m/p-Xylenes	9.700	106	283491	89.61	ug/l	100
69) o-Xylene	10.108	106	136903	44.26	ug/l	100
70) Styrene	10.121	104	230984	43.00	ug/l	100
71) Bromoform	10.298	173	81426	46.89	ug/l #	100
73) Isopropylbenzene	10.491	105	376758	50.21	ug/l	100
74) N-amyl acetate	10.330	43	226969	69.89	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.793	83	147659	48.41	ug/l	100
76) 1,2,3-Trichloropropane	10.835	75	139789m	54.04	ug/l	
77) Bromobenzene	10.790	156	100206	47.88	ug/l	100
78) n-propylbenzene	10.912	91	444303	51.19	ug/l	100
79) 2-Chlorotoluene	10.993	91	266684	50.27	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	327871	52.22	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	52429	65.07	ug/l	100
82) 4-Chlorotoluene	11.105	91	312283	51.14	ug/l	100
83) tert-Butylbenzene	11.430	119	321225	50.98	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	329922	52.22	ug/l	100
85) sec-Butylbenzene	11.652	105	377231	51.00	ug/l	100
86) p-Isopropyltoluene	11.803	119	349850	51.24	ug/l	100
87) 1,3-Dichlorobenzene	11.755	146	177587	46.71	ug/l	100
88) 1,4-Dichlorobenzene	11.845	146	178820	45.14	ug/l	100
89) n-Butylbenzene	12.218	91	312456	52.68	ug/l	100
90) Hexachloroethane	12.484	117	63832	56.46	ug/l	100
91) 1,2-Dichlorobenzene	12.221	146	182183	48.53	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.005	75	41336	69.13	ug/l	100
93) 1,2,4-Trichlorobenzene	13.848	180	123342	55.92	ug/l	100
94) Hexachlorobutadiene	14.031	225	64486	48.91	ug/l	100
95) Naphthalene	14.095	128	380713	62.97	ug/l	100
96) 1,2,3-Trichlorobenzene	14.340	180	119639	52.22	ug/l	100

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

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