

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032421\
 Data File : VU042767.D
 Acq On : 24 Mar 2021 15:43
 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

apatel
 3/30/2021 10:57:58 AM

Quant Time: Mar 25 05:14:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:07:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.385	168	112679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	168919	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	166719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	99723	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	85608	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
35) Dibromofluoromethane	5.298	113	59823	39.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.70%	
50) Toluene-d8	7.906	98	216991	39.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.32%	
62) 4-Bromofluorobenzene	10.639	95	86000	39.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.14%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	66803	54.78	ug/l	100
3) Chloromethane	1.523	50	65914	45.07	ug/l	100
4) Vinyl Chloride	1.607	62	63199	43.36	ug/l	100
5) Bromomethane	1.858	94	42001	50.61	ug/l	100
6) Chloroethane	1.932	64	46408	47.68	ug/l	100
7) Trichlorofluoromethane	2.141	101	109945	54.07	ug/l	100
8) Diethyl Ether	2.382	74	33046	39.24	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.585	101	52704	41.09	ug/l	100
10) Methyl Iodide	2.729	142	74813	65.36	ug/l	100
11) Tert butyl alcohol	3.221	59	91868	252.26	ug/l	100
12) 1,1-Dichloroethene	2.585	96	48475	40.45	ug/l	100
13) Acrolein	2.494	56	31411	116.39	ug/l	100
14) Allyl chloride	2.929	41	107149	45.86	ug/l	100
15) Acrylonitrile	3.324	53	213177	239.88	ug/l	100
16) Acetone	2.639	43	245690	269.66	ug/l	100
17) Carbon Disulfide	2.800	76	140441	49.99	ug/l	100
18) Methyl Acetate	2.954	43	102624	47.48	ug/l	100
19) Methyl tert-butyl Ether	3.372	73	191479	43.70	ug/l	100
20) Methylene Chloride	3.054	84	58774	37.83	ug/l	100
21) trans-1,2-Dichloroethene	3.359	96	55775	43.64	ug/l	100
22) Diisopropyl ether	4.002	45	224932	49.25	ug/l	100
23) Vinyl Acetate	3.967	43	1047158	276.27	ug/l	100
24) 1,1-Dichloroethane	3.880	63	111334	41.59	ug/l	100
25) 2-Butanone	4.713	43	355379	292.36	ug/l	100
26) 2,2-Dichloropropane	4.674	77	101246	46.22	ug/l	100
27) cis-1,2-Dichloroethene	4.678	96	65059	42.27	ug/l	100
28) Bromochloromethane	4.983	49	61898	49.63	ug/l	100
29) Tetrahydrofuran	5.060	42	222981	300.12	ug/l	100
30) Chloroform	5.099	83	121474	44.09	ug/l	100
31) Cyclohexane	5.398	56	105911	51.73	ug/l	100
32) 1,1,1-Trichloroethane	5.327	97	107372	48.10	ug/l	100
36) 1,1-Dichloropropene	5.536	75	85474	46.73	ug/l	100
37) Ethyl Acetate	4.813	43	128423	57.44	ug/l	100
38) Carbon Tetrachloride	5.533	117	95149	48.39	ug/l	100
39) Methylcyclohexane	6.771	83	97889	49.74	ug/l	100
40) Benzene	5.784	78	244224	42.21	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	68552	57.98	ug/l	100
42) 1,2-Dichloroethane	5.803	62	107177	51.39	ug/l	100
43) Isopropyl Acetate	5.919	43	195501	56.29	ug/l	100
44) Trichloroethene	6.552	130	63966	40.16	ug/l	100
45) 1,2-Dichloropropane	6.800	63	68228	40.63	ug/l	100
46) Dibromomethane	6.928	93	47865	44.73	ug/l	100
47) Bromodichloromethane	7.115	83	96979	44.03	ug/l	100
48) Methyl methacrylate	6.967	41	98100	58.93	ug/l	100
49) 1,4-Dioxane	6.999	88	39401	1101.08	ug/l	100
51) 4-Methyl-2-Pentanone	7.800	43	691821	287.20	ug/l	100
52) Toluene	7.977	92	158256	43.61	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	105387	46.05	ug/l	100
54) cis-1,3-Dichloropropene	7.616	75	108097	43.57	ug/l	100
55) 1,1,2-Trichloroethane	8.407	97	66536	40.67	ug/l	100
56) Ethyl methacrylate	8.340	69	103956	46.78	ug/l	100
57) 1,3-Dichloropropane	8.584	76	111828	41.79	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	139748	199.86	ug/l	100
59) 2-Hexanone	8.694	43	561646	308.25	ug/l	100
60) Dibromochloromethane	8.819	129	77521	43.77	ug/l	100
61) 1,2-Dibromoethane	8.932	107	73920	45.44	ug/l	100
64) Tetrachloroethene	8.562	164	69023	47.56	ug/l	100
65) Chlorobenzene	9.456	112	170005	41.27	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	68050	42.84	ug/l	100
67) Ethyl Benzene	9.578	91	311849	45.77	ug/l	100
68) m/p-Xylenes	9.700	106	237174	92.88	ug/l	100
69) o-Xylene	10.108	106	113132	45.41	ug/l	100
70) Styrene	10.121	104	194891	44.91	ug/l	100
71) Bromoform	10.298	173	65523	47.02	ug/l #	100
73) Isopropylbenzene	10.491	105	316329	48.84	ug/l	100
74) N-amyl acetate	10.330	43	180985	65.46	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.790	83	120865	46.09	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	114989m	51.71	ug/l	
77) Bromobenzene	10.790	156	83880	46.44	ug/l	100
78) n-propylbenzene	10.915	91	384875	51.11	ug/l	100
79) 2-Chlorotoluene	10.993	91	224962	49.10	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	283530	52.07	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	41723	60.99	ug/l	100
82) 4-Chlorotoluene	11.105	91	272365	51.36	ug/l	100
83) tert-Butylbenzene	11.430	119	264708	48.82	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	289868	52.76	ug/l	100
85) sec-Butylbenzene	11.652	105	324269	50.60	ug/l	100
86) p-Isopropyltoluene	11.803	119	304992	51.43	ug/l	100
87) 1,3-Dichlorobenzene	11.755	146	152577	46.31	ug/l	100
88) 1,4-Dichlorobenzene	11.845	146	155946	45.33	ug/l	100
89) n-Butylbenzene	12.218	91	283996	54.72	ug/l	100
90) Hexachloroethane	12.484	117	52430	53.98	ug/l	100
91) 1,2-Dichlorobenzene	12.221	146	155557	47.87	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.005	75	33500	65.56	ug/l	100
93) 1,2,4-Trichlorobenzene	13.848	180	106976	55.89	ug/l	100
94) Hexachlorobutadiene	14.031	225	58527	50.77	ug/l	100
95) Naphthalene	14.095	128	320273	61.43	ug/l	100
96) 1,2,3-Trichlorobenzene	14.340	180	109370	54.50	ug/l	100

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

