

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051221\
 Data File : VU043693.D
 Acq On : 12 May 2021 21:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/13/2021 4:09:04 PM

Quant Time: May 13 01:38:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 09:51:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	100886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	173680	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	162167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	85567	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	99094	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
35) Dibromofluoromethane	5.295	113	66525	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
50) Toluene-d8	7.902	98	240074	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
62) 4-Bromofluorobenzene	10.639	95	89497	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.24%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	70231	49.89	ug/l	96
3) Chloromethane	1.520	50	88867	51.11	ug/l	99
4) Vinyl Chloride	1.607	62	82740	51.67	ug/l	99
5) Bromomethane	1.838	94	41671	46.23	ug/l	98
6) Chloroethane	1.925	64	50915	49.57	ug/l	100
7) Trichlorofluoromethane	2.137	101	112257	51.76	ug/l	98
8) Diethyl Ether	2.382	74	43922	55.86	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.584	101	62682	52.15	ug/l	98
10) Methyl Iodide	2.726	142	76362	51.79	ug/l	98
11) Tert butyl alcohol	3.189	59	125160	228.42	ug/l	98
12) 1,1-Dichloroethene	2.581	96	62731	53.71	ug/l	97
13) Acrolein	2.488	56	66449	275.60	ug/l	96
14) Allyl chloride	2.928	41	161203	55.09	ug/l	97
15) Acrylonitrile	3.317	53	274894	276.40	ug/l	100
16) Acetone	2.629	43	287614	253.72	ug/l	100
17) Carbon Disulfide	2.797	76	184662	49.86	ug/l	99
18) Methyl Acetate	2.951	43	154318	59.55	ug/l	98
19) Methyl tert-butyl Ether	3.369	73	221233	55.08	ug/l	98
20) Methylene Chloride	3.051	84	78359	49.12	ug/l	97
21) trans-1,2-Dichloroethene	3.356	96	68405	53.87	ug/l	95
22) Diisopropyl ether	3.999	45	285890	56.95	ug/l	97
23) Vinyl Acetate	3.961	43	1462391	253.92	ug/l	100
24) 1,1-Dichloroethane	3.877	63	152194	52.45	ug/l	99
25) 2-Butanone	4.706	43	472612	270.42	ug/l	100
26) 2,2-Dichloropropane	4.671	77	109541	56.01	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	79744	54.43	ug/l	97
28) Bromochloromethane	4.980	49	76858	52.79	ug/l #	97
29) Tetrahydrofuran	5.057	42	277985	280.09	ug/l	99
30) Chloroform	5.096	83	144828	51.63	ug/l	100
31) Cyclohexane	5.395	56	122572	50.29	ug/l	99
32) 1,1,1-Trichloroethane	5.324	97	121881	50.98	ug/l	99
36) 1,1-Dichloropropene	5.533	75	104045	52.77	ug/l	99
37) Ethyl Acetate	4.809	43	177760	53.23	ug/l	99
38) Carbon Tetrachloride	5.533	117	101619	50.85	ug/l	97
39) Methylcyclohexane	6.771	83	101744	53.40	ug/l	98
40) Benzene	5.780	78	309958	52.44	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	98287	50.80	ug/l	99
42) 1,2-Dichloroethane	5.800	62	130190	50.16	ug/l	99
43) Isopropyl Acetate	5.915	43	264127	53.93	ug/l	100
44) Trichloroethene	6.549	130	71157	51.27	ug/l	99
45) 1,2-Dichloropropane	6.796	63	90539	51.98	ug/l	98
46) Dibromomethane	6.925	93	57226	52.12	ug/l	98
47) Bromodichloromethane	7.111	83	117252	52.74	ug/l	98
48) Methyl methacrylate	6.967	41	132108	53.68	ug/l	98
49) 1,4-Dioxane	6.973	88	43645	962.60	ug/l	98
51) 4-Methyl-2-Pentanone	7.796	43	941334	235.91	ug/l	100
52) Toluene	7.976	92	182595	53.45	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	125237	49.04	ug/l	98
54) cis-1,3-Dichloropropene	7.613	75	133378	54.88	ug/l	97
55) 1,1,2-Trichloroethane	8.407	97	76611	51.45	ug/l	99
56) Ethyl methacrylate	8.340	69	131929	47.19	ug/l	98
57) 1,3-Dichloropropane	8.581	76	140926	53.21	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.468	63	241971	276.24	ug/l	99
59) 2-Hexanone	8.690	43	762349	234.63	ug/l	99
60) Dibromochloromethane	8.816	129	81764	51.62	ug/l	99
61) 1,2-Dibromoethane	8.931	107	83481	51.89	ug/l	99
64) Tetrachloroethene	8.558	164	58586	46.78	ug/l	98
65) Chlorobenzene	9.452	112	186772	52.21	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.539	131	70673	51.34	ug/l	98
67) Ethyl Benzene	9.574	91	353561	49.42	ug/l	98
68) m/p-Xylenes	9.700	106	260931	99.77	ug/l	99
69) o-Xylene	10.105	106	124517	48.74	ug/l	99
70) Styrene	10.121	104	217852	48.25	ug/l	100
71) Bromoform	10.298	173	65155	45.84	ug/l #	98
73) Isopropylbenzene	10.491	105	335598	54.71	ug/l	99
74) N-amyl acetate	10.327	43	238264	52.11	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	153017	52.89	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	144289m	53.03	ug/l	
77) Bromobenzene	10.787	156	82023	51.95	ug/l	98
78) n-propylbenzene	10.912	91	418946	55.87	ug/l	100
79) 2-Chlorotoluene	10.992	91	250338	53.85	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	297689	51.46	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	47518	56.88	ug/l	92
82) 4-Chlorotoluene	11.102	91	293597	55.27	ug/l	100
83) tert-Butylbenzene	11.426	119	284514	55.79	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	298293	50.95	ug/l	99
85) sec-Butylbenzene	11.648	105	353267	50.73	ug/l	100
86) p-Isopropyltoluene	11.799	119	300674	50.20	ug/l	100
87) 1,3-Dichlorobenzene	11.751	146	153291	51.32	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	154433	49.86	ug/l	99
89) n-Butylbenzene	12.214	91	284925	48.45	ug/l	99
90) Hexachloroethane	12.481	117	47170	54.97	ug/l	97
91) 1,2-Dichlorobenzene	12.217	146	157175	50.96	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.002	75	39709	55.69	ug/l	97
93) 1,2,4-Trichlorobenzene	13.848	180	103667	51.71	ug/l	100
94) Hexachlorobutadiene	14.028	225	48887	51.22	ug/l	98
95) Naphthalene	14.092	128	365045	50.27	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	106880	53.45	ug/l	98

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

