

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050621\
 Data File : VU043599.D
 Acq On : 06 May 2021 21:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/7/2021 12:52:52 PM

Quant Time: May 07 02:09:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 06 07:26:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	101912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.257	114	171932	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	163535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	84711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	98391	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
35) Dibromofluoromethane	5.295	113	64439	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
50) Toluene-d8	7.906	98	238707	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	10.639	95	90250	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	69819	49.11	ug/l	99
3) Chloromethane	1.524	50	88428	50.35	ug/l	99
4) Vinyl Chloride	1.607	62	80314	49.65	ug/l	99
5) Bromomethane	1.836	94	45017	49.43	ug/l	99
6) Chloroethane	1.922	64	47699	45.98	ug/l	99
7) Trichlorofluoromethane	2.135	101	108211	49.39	ug/l	99
8) Diethyl Ether	2.379	74	40319	50.76	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.582	101	62030	51.09	ug/l	99
10) Methyl Iodide	2.726	142	70113	47.07	ug/l	100
11) Tert butyl alcohol	3.189	59	127908	231.09	ug/l	98
12) 1,1-Dichloroethene	2.582	96	61009	51.71	ug/l	96
13) Acrolein	2.488	56	57470	236.83	ug/l	96
14) Allyl chloride	2.926	41	150263	50.83	ug/l	99
15) Acrylonitrile	3.318	53	261667	260.45	ug/l	98
16) Acetone	2.630	43	285894	249.66	ug/l	99
17) Carbon Disulfide	2.797	76	185060	49.46	ug/l	99
18) Methyl Acetate	2.951	43	143134	54.68	ug/l	99
19) Methyl tert-butyl Ether	3.369	73	218191	53.77	ug/l	98
20) Methylene Chloride	3.048	84	76957	47.76	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	66686	51.99	ug/l	94
22) Diisopropyl ether	4.003	45	271805	53.60	ug/l	89
23) Vinyl Acetate	3.961	43	1401547	241.41	ug/l	99
24) 1,1-Dichloroethane	3.877	63	145122	49.51	ug/l	99
25) 2-Butanone	4.707	43	469009	265.66	ug/l	99
26) 2,2-Dichloropropane	4.675	77	94778	47.98	ug/l	100
27) cis-1,2-Dichloroethene	4.675	96	77722	52.52	ug/l	100
28) Bromochloromethane	4.983	49	73003	49.63	ug/l	97
29) Tetrahydrofuran	5.057	42	271010	270.32	ug/l	99
30) Chloroform	5.096	83	142167	50.17	ug/l	100
31) Cyclohexane	5.395	56	119794	48.65	ug/l	100
32) 1,1,1-Trichloroethane	5.324	97	121052	50.13	ug/l	98
36) 1,1-Dichloropropene	5.533	75	101178	51.84	ug/l	100
37) Ethyl Acetate	4.810	43	173073	52.35	ug/l	100
38) Carbon Tetrachloride	5.533	117	99403	50.24	ug/l	98
39) Methylcyclohexane	6.771	83	100911	53.51	ug/l	99
40) Benzene	5.781	78	300868	51.42	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	93822	49.05	ug/l	99
42) 1,2-Dichloroethane	5.800	62	128947	50.19	ug/l	98
43) Isopropyl Acetate	5.919	43	256653	52.94	ug/l	100
44) Trichloroethene	6.549	130	70703	51.46	ug/l	98
45) 1,2-Dichloropropane	6.797	63	87003	50.46	ug/l	96
46) Dibromomethane	6.925	93	56869	52.32	ug/l	99
47) Bromodichloromethane	7.112	83	113902	51.76	ug/l	99
48) Methyl methacrylate	6.967	41	128896	52.91	ug/l	98
49) 1,4-Dioxane	6.967	88	42010	937.32	ug/l	97
51) 4-Methyl-2-Pentanone	7.797	43	927013	234.78	ug/l	100
52) Toluene	7.977	92	181132	53.56	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	121771	48.20	ug/l	96
54) cis-1,3-Dichloropropene	7.614	75	128234	53.30	ug/l	99
55) 1,1,2-Trichloroethane	8.408	97	76267	51.74	ug/l	99
56) Ethyl methacrylate	8.340	69	129627	46.87	ug/l	99
57) 1,3-Dichloropropane	8.581	76	137432	52.41	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.469	63	276327	315.20	ug/l	99
59) 2-Hexanone	8.691	43	739617	230.36	ug/l	100
60) Dibromochloromethane	8.816	129	81500	51.97	ug/l	99
61) 1,2-Dibromoethane	8.932	107	83379	52.35	ug/l	99
64) Tetrachloroethene	8.562	164	66024	52.28	ug/l	97
65) Chlorobenzene	9.453	112	187735	52.04	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.543	131	70954	51.11	ug/l	98
67) Ethyl Benzene	9.578	91	354502	49.15	ug/l	98
68) m/p-Xylenes	9.700	106	261581	99.19	ug/l	99
69) o-Xylene	10.109	106	125280	48.63	ug/l	99
70) Styrene	10.121	104	219444	48.20	ug/l	100
71) Bromoform	10.298	173	66311	46.23	ug/l #	100
73) Isopropylbenzene	10.491	105	345379	56.88	ug/l	100
74) N-amyl acetate	10.327	43	222556	49.31	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	144469	50.44	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	145109m	53.87	ug/l	
77) Bromobenzene	10.790	156	84077	53.79	ug/l	99
78) n-propylbenzene	10.912	91	423675	57.07	ug/l	100
79) 2-Chlorotoluene	10.993	91	252229	54.80	ug/l	100
80) 1,3,5-Trimethylbenzene	11.096	105	299687	52.32	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	41864	50.62	ug/l	96
82) 4-Chlorotoluene	11.102	91	296458	56.38	ug/l	100
83) tert-Butylbenzene	11.427	119	284786	56.41	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	303662	52.36	ug/l	100
85) sec-Butylbenzene	11.652	105	356780	51.73	ug/l	98
86) p-Isopropyltoluene	11.800	119	306749	51.69	ug/l	100
87) 1,3-Dichlorobenzene	11.752	146	155300	52.52	ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	156112	50.91	ug/l	99
89) n-Butylbenzene	12.215	91	285238	48.97	ug/l	100
90) Hexachloroethane	12.485	117	45930	54.06	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	155914	51.06	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.002	75	36981	52.39	ug/l	99
93) 1,2,4-Trichlorobenzene	13.848	180	102357	51.57	ug/l	99
94) Hexachlorobutadiene	14.031	225	48291	51.10	ug/l	98
95) Naphthalene	14.096	128	370357	51.48	ug/l	100
96) 1,2,3-Trichlorobenzene	14.337	180	106250	53.67	ug/l	98

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

