

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040521\
 Data File : VU042922.D
 Acq On : 05 Apr 2021 11:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/6/2021 1:58:30 PM

Quant Time: Apr 06 01:15:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	125154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.257	114	193008	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	188604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	109331	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	94360	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
35) Dibromofluoromethane	5.298	113	65034	45.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.30%	
50) Toluene-d8	7.906	98	231739	45.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.46%	
62) 4-Bromofluorobenzene	10.639	95	94204	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.389	85	63359	43.07	ug/l	99
3) Chloromethane	1.524	50	63042	39.59	ug/l	98
4) Vinyl Chloride	1.607	62	63624	43.91	ug/l	99
5) Bromomethane	1.861	94	45393	52.24	ug/l	100
6) Chloroethane	1.935	64	46966	44.09	ug/l	100
7) Trichlorofluoromethane	2.141	101	110487	43.73	ug/l	97
8) Diethyl Ether	2.382	74	35204	44.71	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.588	101	56458	46.62	ug/l	98
10) Methyl Iodide	2.729	142	69045	42.28	ug/l	100
11) Tert butyl alcohol	3.228	59	107660m	252.40	ug/l	
12) 1,1-Dichloroethene	2.585	96	51513	45.38	ug/l	98
13) Acrolein	2.495	56	26499	179.82	ug/l	99
14) Allyl chloride	2.929	41	122596	49.44	ug/l	97
15) Acrylonitrile	3.324	53	253704	259.33	ug/l	99
16) Acetone	2.643	43	250728	245.46	ug/l	100
17) Carbon Disulfide	2.800	76	138508	43.12	ug/l	100
18) Methyl Acetate	2.958	43	136040	59.53	ug/l	100
19) Methyl tert-butyl Ether	3.372	73	220554	51.20	ug/l	99
20) Methylene Chloride	3.054	84	64035	44.58	ug/l	98
21) trans-1,2-Dichloroethene	3.360	96	58259	45.74	ug/l	96
22) Diisopropyl ether	4.003	45	252365	50.55	ug/l	99
23) Vinyl Acetate	3.964	43	1169212	251.66	ug/l	100
24) 1,1-Dichloroethane	3.880	63	123400	47.42	ug/l	99
25) 2-Butanone	4.716	43	410029	252.52	ug/l	100
26) 2,2-Dichloropropane	4.675	77	111621	48.56	ug/l	98
27) cis-1,2-Dichloroethene	4.675	96	71206	48.84	ug/l	99
28) Bromochloromethane	4.983	49	67351	51.83	ug/l #	99
29) Tetrahydrofuran	5.060	42	262519	261.32	ug/l	99
30) Chloroform	5.099	83	133193	48.41	ug/l	99
31) Cyclohexane	5.398	56	109612	44.13	ug/l	98
32) 1,1,1-Trichloroethane	5.327	97	117040	47.93	ug/l	99
36) 1,1-Dichloropropene	5.536	75	91307	47.83	ug/l	99
37) Ethyl Acetate	4.813	43	149952	50.60	ug/l	98
38) Carbon Tetrachloride	5.533	117	101889	46.76	ug/l	99
39) Methylcyclohexane	6.771	83	102911	47.06	ug/l	98
40) Benzene	5.784	78	262716	46.00	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	81269	52.35	ug/l	99
42) 1,2-Dichloroethane	5.803	62	119797	48.92	ug/l	100
43) Isopropyl Acetate	5.919	43	225014	50.43	ug/l	100
44) Trichloroethene	6.552	130	69410	47.28	ug/l	99
45) 1,2-Dichloropropane	6.800	63	73564	48.43	ug/l	96
46) Dibromomethane	6.929	93	53723	49.64	ug/l	96
47) Bromodichloromethane	7.115	83	106890	48.62	ug/l	96
48) Methyl methacrylate	6.967	41	113606	52.75	ug/l	99
49) 1,4-Dioxane	7.006	88	44263	1024.56	ug/l #	83
51) 4-Methyl-2-Pentanone	7.800	43	815886	261.35	ug/l	99
52) Toluene	7.977	92	167418	47.95	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	117645	50.57	ug/l	100
54) cis-1,3-Dichloropropene	7.617	75	120134	49.35	ug/l	97
55) 1,1,2-Trichloroethane	8.408	97	73458	48.91	ug/l	97
56) Ethyl methacrylate	8.340	69	121523	52.95	ug/l	100
57) 1,3-Dichloropropane	8.584	76	127539	49.48	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	160645	222.22	ug/l	99
59) 2-Hexanone	8.694	43	655546	264.05	ug/l	100
60) Dibromochloromethane	8.819	129	86477	49.51	ug/l	98
61) 1,2-Dibromoethane	8.932	107	82113	48.07	ug/l	99
64) Tetrachloroethene	8.559	164	71366	46.87	ug/l	99
65) Chlorobenzene	9.456	112	183535	47.86	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.543	131	74241	48.67	ug/l	99
67) Ethyl Benzene	9.578	91	339751	49.40	ug/l	98
68) m/p-Xylenes	9.700	106	251677	99.28	ug/l	99
69) o-Xylene	10.108	106	123361	50.28	ug/l	99
70) Styrene	10.121	104	213692	51.57	ug/l	99
71) Bromoform	10.298	173	74006	51.14	ug/l #	100
73) Isopropylbenzene	10.491	105	340471	49.20	ug/l	100
74) N-amyl acetate	10.327	43	209600	53.66	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	137219	48.51	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	141469m	50.88	ug/l	
77) Bromobenzene	10.790	156	91914	48.26	ug/l	100
78) n-propylbenzene	10.912	91	416189	51.10	ug/l	100
79) 2-Chlorotoluene	10.993	91	244561	49.76	ug/l	99
80) 1,3,5-Trimethylbenzene	11.096	105	305130	50.82	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	47868	51.01	ug/l	99
82) 4-Chlorotoluene	11.102	91	293239	49.95	ug/l	99
83) tert-Butylbenzene	11.427	119	289222	49.45	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	307964	50.79	ug/l	98
85) sec-Butylbenzene	11.652	105	352095	51.79	ug/l	100
86) p-Isopropyltoluene	11.800	119	325797	52.36	ug/l	99
87) 1,3-Dichlorobenzene	11.755	146	166448	48.65	ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	170229	48.44	ug/l	99
89) n-Butylbenzene	12.218	91	306028	52.13	ug/l	99
90) Hexachloroethane	12.485	117	55207	46.99	ug/l	98
91) 1,2-Dichlorobenzene	12.221	146	169334	48.60	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	39408	52.60	ug/l	97
93) 1,2,4-Trichlorobenzene	13.848	180	116624	52.51	ug/l	100
94) Hexachlorobutadiene	14.031	225	60454	46.54	ug/l	100
95) Naphthalene	14.095	128	361212	48.79	ug/l	100
96) 1,2,3-Trichlorobenzene	14.340	180	117324	52.19	ug/l	100

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

