

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040921\
 Data File : VU042995.D
 Acq On : 08 Apr 2021 19:08
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 1:47:29 PM

Quant Time: Apr 09 06:26:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U040921W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 09 06:22:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	128429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	203360	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.426	117	206313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	121751	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	320235	155.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	310.76%	
35) Dibromofluoromethane	5.295	113	226846	150.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	300.28%	
50) Toluene-d8	7.906	98	824128	154.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	309.44%	
62) 4-Bromofluorobenzene	10.642	95	370650	176.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	352.98%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	199159	136.31	ug/l	97
3) Chloromethane	1.520	50	213706	131.53	ug/l	97
4) Vinyl Chloride	1.607	62	215086	145.52	ug/l	95
5) Bromomethane	1.835	94	95109	94.91	ug/l	100
6) Chloroethane	1.906	64	145953	129.86	ug/l	97
7) Trichlorofluoromethane	2.128	101	351207	136.81	ug/l	99
8) Diethyl Ether	2.379	74	117862	145.19	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.578	101	188723	151.84	ug/l	97
10) Methyl Iodide	2.723	142	259019	154.44	ug/l	100
11) Tert butyl alcohol	3.253	59	469964m	1011.87	ug/l	
12) 1,1-Dichloroethene	2.578	96	183114	156.57	ug/l	97
13) Acrolein	2.488	56	342299	1557.97	ug/l	99
14) Allyl chloride	2.925	41	463341	178.01	ug/l	97
15) Acrylonitrile	3.321	53	957311	922.56	ug/l	99
16) Acetone	2.629	43	957382	810.52	ug/l	100
17) Carbon Disulfide	2.793	76	540228	163.35	ug/l	100
18) Methyl Acetate	2.951	43	456139	189.06	ug/l	99
19) Methyl tert-butyl Ether	3.369	73	758043	169.12	ug/l	99
20) Methylene Chloride	3.047	84	223698	150.61	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	212177	160.65	ug/l	92
22) Diisopropyl ether	3.999	45	874628	168.35	ug/l	98
23) Vinyl Acetate	3.960	43	4385907	899.54	ug/l	100
24) 1,1-Dichloroethane	3.874	63	434289	160.48	ug/l	100
25) 2-Butanone	4.710	43	1570327	910.63	ug/l	100
26) 2,2-Dichloropropane	4.671	77	377228	159.00	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	246577	163.09	ug/l	98
28) Bromochloromethane	4.983	49	224897	168.75	ug/l	# 99
29) Tetrahydrofuran	5.054	42	979652	914.22	ug/l	100
30) Chloroform	5.095	83	443659	155.54	ug/l	99
31) Cyclohexane	5.394	56	381255	149.03	ug/l	97
32) 1,1,1-Trichloroethane	5.324	97	396000	156.42	ug/l	99
36) 1,1-Dichloropropene	5.533	75	323167	159.70	ug/l	98
37) Ethyl Acetate	4.809	43	558116	174.33	ug/l	99
38) Carbon Tetrachloride	5.533	117	347095	151.09	ug/l	98
39) Methylcyclohexane	6.771	83	360926	157.52	ug/l	99
40) Benzene	5.780	78	915032	151.39	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	301944	179.43	ug/l	99
42) 1,2-Dichloroethane	5.800	62	399313	153.31	ug/l	99
43) Isopropyl Acetate	5.919	43	832232	173.67	ug/l	100
44) Trichloroethene	6.549	130	235504	152.78	ug/l	95
45) 1,2-Dichloropropane	6.800	63	261195	162.21	ug/l	98
46) Dibromomethane	6.925	93	182034	158.36	ug/l	99
47) Bromodichloromethane	7.115	83	368619	158.64	ug/l	98
48) Methyl methacrylate	6.970	41	432914	186.08	ug/l	98
49) 1,4-Dioxane	6.980	88	164343	3595.37	ug/l	98
51) 4-Methyl-2-Pentanone	7.809	43	3275969	958.98	ug/l	100
52) Toluene	7.976	92	579897	156.86	ug/l	99
53) t-1,3-Dichloropropene	8.217	75	438036	176.86	ug/l	97
54) cis-1,3-Dichloropropene	7.616	75	431551	166.40	ug/l	99
55) 1,1,2-Trichloroethane	8.410	97	256011	160.66	ug/l	98
56) Ethyl methacrylate	8.343	69	474876	191.47	ug/l	98
57) 1,3-Dichloropropane	8.584	76	443906	161.15	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.475	63	973852	1478.67	ug/l	99
59) 2-Hexanone	8.700	43	2684479	979.39	ug/l	99
60) Dibromochloromethane	8.822	129	315360	170.00	ug/l	100
61) 1,2-Dibromoethane	8.931	107	293333	160.88	ug/l	99
64) Tetrachloroethene	8.558	164	204536	127.26	ug/l	99
65) Chlorobenzene	9.455	112	659629	156.63	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.545	131	274384	163.65	ug/l	99
67) Ethyl Benzene	9.578	91	1213526	160.21	ug/l	98
68) m/p-Xylenes	9.700	106	894649	321.55	ug/l	99
69) o-Xylene	10.108	106	440909	163.30	ug/l	98
70) Styrene	10.121	104	803826	175.86	ug/l	99
71) Bromoform	10.301	173	294292	183.25	ug/l #	99
73) Isopropylbenzene	10.491	105	1249563	161.76	ug/l	99
74) N-amyl acetate	10.330	43	815152	183.82	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.793	83	531534	164.18	ug/l	98
76) 1,2,3-Trichloropropane	10.835	75	519979m	162.19	ug/l	
77) Bromobenzene	10.793	156	343324	160.82	ug/l	99
78) n-propylbenzene	10.915	91	1537756	168.35	ug/l	99
79) 2-Chlorotoluene	10.996	91	906466	164.06	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	1125271	167.05	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.558	75	200431	187.08	ug/l	94
82) 4-Chlorotoluene	11.105	91	1097128	166.18	ug/l	99
83) tert-Butylbenzene	11.430	119	1113732	168.41	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	1143251	168.14	ug/l	100
85) sec-Butylbenzene	11.651	105	1290235	169.15	ug/l	100
86) p-Isopropyltoluene	11.803	119	1195265	171.40	ug/l	100
87) 1,3-Dichlorobenzene	11.754	146	611861	158.64	ug/l	99
88) 1,4-Dichlorobenzene	11.844	146	614157	155.50	ug/l	99
89) n-Butylbenzene	12.217	91	1146937	174.02	ug/l	100
90) Hexachloroethane	12.484	117	224283	168.80	ug/l	97
91) 1,2-Dichlorobenzene	12.221	146	596076	152.32	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.005	75	152780	178.37	ug/l	99
93) 1,2,4-Trichlorobenzene	13.848	180	423082	171.91	ug/l	99
94) Hexachlorobutadiene	14.028	225	199811	140.31	ug/l	99
95) Naphthalene	14.095	128	1370119	196.51	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	406497	163.97	ug/l	99

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

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