

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044934.D
 Acq On : 28 Sep 2021 12:11
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/29/2021
 Supervised By : Mahesh Dadoda 09/30/2021

Quant Time: Sep 28 12:25:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 11:55:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	157406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	290617	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	297103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	153855	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.703	65	415268	153.590	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 307.180%#	
35) Dibromofluoromethane	5.292	113	293009	149.756	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 299.520%#	
50) Toluene-d8	7.902	98	1177086	158.293	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 316.580%#	
62) 4-Bromofluorobenzene	10.639	95	511435	180.326	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 360.660%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.382	85	293030	153.403	ug/l	98
3) Chloromethane	1.517	50	350240	124.046	ug/l	99
4) Vinyl Chloride	1.607	62	369545	138.162	ug/l	100
5) Bromomethane	1.829	94	139157	102.522	ug/l	100
7) Trichlorofluoromethane	2.112	101	496638	149.552	ug/l	100
8) Diethyl Ether	2.375	74	228088	150.672	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.568	101	287045	148.991	ug/l	98
10) Methyl Iodide	2.713	142	322556	154.173	ug/l	97
11) Tert butyl alcohol	3.266	59	556418	691.216	ug/l	100
12) 1,1-Dichloroethene	2.568	96	291588	152.527	ug/l	96
13) Acrolein	2.488	56	111221	525.791	ug/l	96
14) Allyl chloride	2.919	41	503322	137.158	ug/l	96
15) Acrylonitrile	3.321	53	1157842	699.136	ug/l	99
16) Acetone	2.636	43	1045728	665.486	ug/l	100
17) Carbon Disulfide	2.780	76	843046	156.132	ug/l	100
18) Methyl Acetate	2.951	43	679095	132.687	ug/l	96
19) Methyl tert-butyl Ether	3.369	73	1113996	155.989	ug/l	98
20) Methylene Chloride	3.041	84	344253	136.984	ug/l	96
21) trans-1,2-Dichloroethene	3.346	96	312372	153.011	ug/l	96
22) Diisopropyl ether	3.999	45	1078500	148.459	ug/l	92
23) Vinyl Acetate	3.957	43	4606173	774.452	ug/l	98
24) 1,1-Dichloroethane	3.867	63	619764	147.104	ug/l	100
25) 2-Butanone	4.713	43	1640756	699.714	ug/l	97
26) 2,2-Dichloropropane	4.665	77	523967	161.693	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	372016	149.860	ug/l	99
28) Bromochloromethane	4.977	49	266057	135.796	ug/l	95
29) Tetrahydrofuran	5.054	42	1011833	694.676	ug/l	96
30) Chloroform	5.092	83	612759	143.684	ug/l	100
31) Cyclohexane	5.388	56	564830	141.927	ug/l	98
32) 1,1,1-Trichloroethane	5.317	97	524584	152.093	ug/l	98
36) 1,1-Dichloropropene	5.526	75	470106	151.612	ug/l	99
37) Ethyl Acetate	4.809	43	608618	136.101	ug/l	98
38) Carbon Tetrachloride	5.526	117	417794	151.676	ug/l	97
39) Methylcyclohexane	6.764	83	582460	164.327	ug/l	97
40) Benzene	5.774	78	1356553	143.934	ug/l	99
41) Methacrylonitrile	4.980	41	311810	139.321	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	5.796	62	529449	142.489	ug/l	99
43) Isopropyl Acetate	5.919	43	947651	149.582	ug/l	98
44) Trichloroethene	6.542	130	322418	142.122	ug/l	98
45) 1,2-Dichloropropane	6.793	63	366346	145.100	ug/l	99
46) Dibromomethane	6.922	93	250264	148.229	ug/l	100
47) Bromodichloromethane	7.112	83	508965	153.111	ug/l	99
48) Methyl methacrylate	6.967	41	474334	158.643	ug/l	96
49) 1,4-Dioxane	6.980	88	210462	2759.611	ug/l	95
51) 4-Methyl-2-Pentanone	7.806	43	3494385	770.795	ug/l	98
52) Toluene	7.973	92	870463	153.684	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	614762	174.882	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	621645	164.659	ug/l	99
55) 1,1,2-Trichloroethane	8.410	97	376637	155.864	ug/l	99
56) Ethyl methacrylate	8.343	69	708597	182.646	ug/l	98
57) 1,3-Dichloropropane	8.581	76	664277	154.468	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	1199208	1299.403	ug/l	98
59) 2-Hexanone	8.697	43	2798462	763.321	ug/l	97
60) Dibromochloromethane	8.819	129	392006	168.845	ug/l	99
61) 1,2-Dibromoethane	8.931	107	404114	158.524	ug/l	99
64) Tetrachloroethene	8.555	164	274847	137.190	ug/l	99
65) Chlorobenzene	9.452	112	948257	152.459	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	346612	156.347	ug/l	99
67) Ethyl Benzene	9.574	91	1778424	159.750	ug/l	100
68) m/p-Xylenes	9.700	106	1364254	320.740	ug/l	99
69) o-Xylene	10.105	106	683982	165.244	ug/l	98
70) Styrene	10.121	104	1212138	174.060	ug/l	99
71) Bromoform	10.298	173	312731	167.963	ug/l #	100
73) Isopropylbenzene	10.491	105	1818615	165.857	ug/l	100
74) N-amyl acetate	10.327	43	929583	165.666	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	733908	145.627	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	702555m	149.487	ug/l	
77) Bromobenzene	10.790	156	426738	161.684	ug/l	99
78) n-propylbenzene	10.912	91	2274304	170.585	ug/l	99
79) 2-Chlorotoluene	10.992	91	1345346	164.971	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	1597664	170.928	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	262955	176.748	ug/l	96
82) 4-Chlorotoluene	11.102	91	1578657	169.863	ug/l	99
83) tert-Butylbenzene	11.426	119	1563972	172.505	ug/l	100
84) 1,2,4-Trimethylbenzene	11.471	105	1601799	173.442	ug/l	99
85) sec-Butylbenzene	11.648	105	2041377	174.747	ug/l	100
86) p-Isopropyltoluene	11.799	119	1661753	174.846	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	812181	158.062	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	811300	153.111	ug/l	99
89) n-Butylbenzene	12.214	91	1601212	183.009	ug/l	99
90) Hexachloroethane	12.481	117	304435	176.193	ug/l	98
91) 1,2-Dichlorobenzene	12.217	146	802482	147.861	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	182850	151.787	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	491132	165.512	ug/l	99
94) Hexachlorobutadiene	14.024	225	193424	147.478	ug/l	99
95) Naphthalene	14.089	128	1791334	173.472	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	478914	160.047	ug/l	99

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

