

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044932.D
 Acq On : 28 Sep 2021 11:24
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Sep 28 11:57:49 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	152025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	275654	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	269218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	145874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	120624	46.193	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.380%		
35) Dibromofluoromethane	5.292	113	84572	45.571	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.140%		
50) Toluene-d8	7.902	98	335968	47.633	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.260%		
62) 4-Bromofluorobenzene	10.635	95	138862	51.619	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	100594	54.526	ug/l	99
3) Chloromethane	1.520	50	119856	43.952	ug/l	99
4) Vinyl Chloride	1.607	62	128969	49.924	ug/l	98
5) Bromomethane	1.832	94	48097	36.689	ug/l	99
6) Chloroethane	1.906	64	90869	44.772	ug/l	99
7) Trichlorofluoromethane	2.124	101	169527	52.857	ug/l	100
8) Diethyl Ether	2.378	74	76969	52.644	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.575	101	96226	51.714	ug/l	98
10) Methyl Iodide	2.719	142	109660	54.270	ug/l	97
11) Tert butyl alcohol	3.231	59	189093	243.217	ug/l	100
12) 1,1-Dichloroethene	2.575	96	95721	51.843	ug/l	95
13) Acrolein	2.488	56	34090	166.863	ug/l	99
14) Allyl chloride	2.922	41	176824	49.891	ug/l	96
15) Acrylonitrile	3.317	53	385791	241.196	ug/l	99
16) Acetone	2.632	43	392344	258.520	ug/l	99
17) Carbon Disulfide	2.790	76	273663	52.476	ug/l	99
18) Methyl Acetate	2.948	43	230358	46.602	ug/l	98
19) Methyl tert-butyl Ether	3.366	73	370933	53.779	ug/l	98
20) Methylene Chloride	3.047	84	115381	47.537	ug/l	96
21) trans-1,2-Dichloroethene	3.353	96	102782	52.129	ug/l	99
22) Diisopropyl ether	3.999	45	361800	51.566	ug/l	92
23) Vinyl Acetate	3.957	43	1496048	260.439	ug/l	98
24) 1,1-Dichloroethane	3.870	63	204749	50.318	ug/l	99
25) 2-Butanone	4.710	43	573759	253.345	ug/l	98
26) 2,2-Dichloropropane	4.668	77	174762	55.839	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	122434	51.066	ug/l	99
28) Bromochloromethane	4.976	49	84005	44.394	ug/l	95
29) Tetrahydrofuran	5.054	42	339101	241.051	ug/l	95
30) Chloroform	5.092	83	207873	50.469	ug/l	100
31) Cyclohexane	5.388	56	192826	50.167	ug/l	97
32) 1,1,1-Trichloroethane	5.317	97	172036	51.644	ug/l	99
36) 1,1-Dichloropropene	5.526	75	153696	52.259	ug/l	99
37) Ethyl Acetate	4.806	43	200392	47.245	ug/l	98
38) Carbon Tetrachloride	5.526	117	135385	51.818	ug/l	100
39) Methylcyclohexane	6.764	83	190907	56.783	ug/l	97
40) Benzene	5.777	78	455307	50.931	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.976	41	107480	50.630	ug/l	97
42) 1,2-Dichloroethane	5.796	62	179073	50.809	ug/l	100
43) Isopropyl Acetate	5.915	43	306064	50.933	ug/l	99
44) Trichloroethene	6.546	130	106714	49.593	ug/l	100
45) 1,2-Dichloropropane	6.793	63	120319	50.242	ug/l	97
46) Dibromomethane	6.922	93	81993	51.200	ug/l	99
47) Bromodichloromethane	7.108	83	160534	50.915	ug/l	100
48) Methyl methacrylate	6.964	41	149439	52.693	ug/l	95
49) 1,4-Dioxane	6.973	88	77428	1070.358	ug/l	95
51) 4-Methyl-2-Pentanone	7.799	43	1137193	264.459	ug/l	98
52) Toluene	7.973	92	287286	53.475	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	187534	56.244	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	192755	53.828	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	118576	51.734	ug/l	98
56) Ethyl methacrylate	8.340	69	216361	58.796	ug/l	99
57) 1,3-Dichloropropane	8.578	76	211151	51.765	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	321881	367.707	ug/l	97
59) 2-Hexanone	8.693	43	948913	272.879	ug/l	98
60) Dibromochloromethane	8.816	129	117927	53.551	ug/l	99
61) 1,2-Dibromoethane	8.928	107	128399	53.102	ug/l	100
64) Tetrachloroethene	8.555	164	91889	50.617	ug/l	99
65) Chlorobenzene	9.449	112	297028	52.702	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	106104	52.818	ug/l	99
67) Ethyl Benzene	9.574	91	562185	55.730	ug/l	99
68) m/p-Xylenes	9.697	106	433589	112.497	ug/l	99
69) o-Xylene	10.105	106	216459	57.711	ug/l	98
70) Styrene	10.118	104	373206	59.142	ug/l	99
71) Bromoform	10.298	173	94954	56.280	ug/l #	99
73) Isopropylbenzene	10.487	105	563214	54.175	ug/l	100
74) N-amyl acetate	10.323	43	294053	55.272	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	246202	51.526	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	227825m	51.128	ug/l	
77) Bromobenzene	10.787	156	135258	54.051	ug/l	100
78) n-propylbenzene	10.909	91	702310	55.559	ug/l	100
79) 2-Chlorotoluene	10.989	91	425124	54.982	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	506264	57.127	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	81582	57.836	ug/l	99
82) 4-Chlorotoluene	11.098	91	493383	55.992	ug/l	99
83) tert-Butylbenzene	11.423	119	488288	56.805	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	509369	58.172	ug/l	99
85) sec-Butylbenzene	11.648	105	639897	57.774	ug/l	100
86) p-Isopropyltoluene	11.796	119	526026	58.375	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	263701	54.128	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	264651	52.678	ug/l	99
89) n-Butylbenzene	12.211	91	485890	58.573	ug/l	100
90) Hexachloroethane	12.478	117	91268	55.712	ug/l	99
91) 1,2-Dichlorobenzene	12.217	146	268185	52.118	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	59015	51.670	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	152416	54.175	ug/l	99
94) Hexachlorobutadiene	14.024	225	62550	50.301	ug/l	99
95) Naphthalene	14.089	128	566776	57.889	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	151534	53.412	ug/l	99

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

