

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044883.D
 Acq On : 26 Sep 2021 10:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 11:03:20 AM

Quant Time: Sep 27 03:21:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092421W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 25 09:30:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	147922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	276663	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	264906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	139748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	128181	49.651	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.300%	
35) Dibromofluoromethane	5.292	113	91588	48.256	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.520%	
50) Toluene-d8	7.903	98	351241	49.000	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.000%	
62) 4-Bromofluorobenzene	10.636	95	138997	52.207	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.420%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	86179	48.645	ug/l	97
3) Chloromethane	1.520	50	102414	38.092	ug/l	98
4) Vinyl Chloride	1.607	62	116297	46.347	ug/l	99
5) Bromomethane	1.832	94	36014	27.417	ug/l	98
6) Chloroethane	1.916	64	77894	46.232	ug/l	99
7) Trichlorofluoromethane	2.131	101	149234	48.428	ug/l	100
8) Diethyl Ether	2.379	74	72419	51.337	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.578	101	83853	46.596	ug/l	99
10) Methyl Iodide	2.723	142	79066	40.432	ug/l	97
11) Tert butyl alcohol	3.205	59	197745	262.431	ug/l	99
12) 1,1-Dichloroethene	2.578	96	85819	48.185	ug/l	96
13) Acrolein	2.488	56	62780	308.557	ug/l	98
14) Allyl chloride	2.922	41	154807	44.781	ug/l	97
15) Acrylonitrile	3.314	53	379523	241.121	ug/l	99
16) Acetone	2.629	43	342144	234.953	ug/l	98
17) Carbon Disulfide	2.793	76	217921	43.494	ug/l	100
18) Methyl Acetate	2.948	43	228537	46.975	ug/l	98
19) Methyl tert-butyl Ether	3.366	73	349055	52.484	ug/l	99
20) Methylene Chloride	3.047	84	108198	45.899	ug/l	97
21) trans-1,2-Dichloroethene	3.353	96	91060	47.752	ug/l	99
22) Diisopropyl ether	3.996	45	339269	49.671	ug/l	96
23) Vinyl Acetate	3.957	43	1399519	249.859	ug/l	99
24) 1,1-Dichloroethane	3.871	63	194195	48.983	ug/l	99
25) 2-Butanone	4.703	43	541081	244.884	ug/l	97
26) 2,2-Dichloropropane	4.668	77	96515	32.463	ug/l	97
27) cis-1,2-Dichloroethene	4.668	96	111300	47.989	ug/l	96
28) Bromochloromethane	4.977	49	88785	47.126	ug/l	96
29) Tetrahydrofuran	5.051	42	336096	241.784	ug/l	96
30) Chloroform	5.092	83	190762	47.855	ug/l	100
31) Cyclohexane	5.391	56	167149	45.097	ug/l	97
32) 1,1,1-Trichloroethane	5.321	97	157710	48.965	ug/l	99
36) 1,1-Dichloropropene	5.530	75	135996	46.329	ug/l	100
37) Ethyl Acetate	4.806	43	193789	44.992	ug/l	98
38) Carbon Tetrachloride	5.526	117	122126	46.536	ug/l	97
39) Methylcyclohexane	6.764	83	157008	47.291	ug/l	96
40) Benzene	5.777	78	414530	46.318	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	103743	48.254	ug/l	97
42) 1,2-Dichloroethane	5.797	62	162957	46.283	ug/l	99
43) Isopropyl Acetate	5.915	43	291771	48.419	ug/l	99
44) Trichloroethene	6.546	130	96049	44.654	ug/l	99
45) 1,2-Dichloropropane	6.793	63	113089	46.690	ug/l	98
46) Dibromomethane	6.919	93	76439	47.627	ug/l	99
47) Bromodichloromethane	7.108	83	149232	47.138	ug/l	100
48) Methyl methacrylate	6.964	41	139296	48.975	ug/l	95
49) 1,4-Dioxane	6.970	88	80054	1101.299	ug/l	93
51) 4-Methyl-2-Pentanone	7.796	43	1079319	251.316	ug/l	99
52) Toluene	7.973	92	262927	49.139	ug/l	98
53) t-1,3-Dichloropropene	8.214	75	154644	46.886	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	166030	46.482	ug/l	100
55) 1,1,2-Trichloroethane	8.404	97	109857	48.021	ug/l	99
56) Ethyl methacrylate	8.337	69	196919	48.388	ug/l	98
57) 1,3-Dichloropropane	8.578	76	193241	47.438	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	350245	347.284	ug/l	98
59) 2-Hexanone	8.690	43	890211	258.237	ug/l	98
60) Dibromochloromethane	8.812	129	106603	48.662	ug/l	98
61) 1,2-Dibromoethane	8.928	107	116562	48.526	ug/l	100
64) Tetrachloroethene	8.555	164	82429	45.906	ug/l	98
65) Chlorobenzene	9.449	112	266008	48.371	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	95548	48.712	ug/l	98
67) Ethyl Benzene	9.575	91	501742	51.116	ug/l	98
68) m/p-Xylenes	9.697	106	385072	102.571	ug/l	98
69) o-Xylene	10.102	106	192941	53.149	ug/l	98
70) Styrene	10.118	104	326717	48.191	ug/l	98
71) Bromoform	10.295	173	82157	50.621	ug/l #	99
73) Isopropylbenzene	10.488	105	495277	49.934	ug/l	100
74) N-amyl acetate	10.324	43	269019	53.214	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	222155	49.163	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	206302m	48.751	ug/l	
77) Bromobenzene	10.783	156	116743	49.266	ug/l	99
78) n-propylbenzene	10.909	91	603876	50.245	ug/l	99
79) 2-Chlorotoluene	10.989	91	366670	50.059	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	431195	51.323	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	58428	44.727	ug/l	99
82) 4-Chlorotoluene	11.099	91	425728	51.052	ug/l	100
83) tert-Butylbenzene	11.423	119	419178	51.719	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	441793	53.338	ug/l	99
85) sec-Butylbenzene	11.645	105	545759	52.073	ug/l	100
86) p-Isopropyltoluene	11.796	119	444838	52.174	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	225294	48.992	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	228288	48.004	ug/l	99
89) n-Butylbenzene	12.211	91	402946	45.986	ug/l	100
90) Hexachloroethane	12.478	117	75617	49.218	ug/l	96
91) 1,2-Dichlorobenzene	12.217	146	235589	48.343	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	57525	52.500	ug/l	97
93) 1,2,4-Trichlorobenzene	13.844	180	134139	49.814	ug/l	99
94) Hexachlorobutadiene	14.025	225	51253	42.784	ug/l	98
95) Naphthalene	14.089	128	535804	49.988	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	138105	50.436	ug/l	99

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

