

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100121\
 Data File : VU045084.D
 Acq On : 01 Oct 2021 19:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/5/2021 12:25:38 PM

Quant Time: Oct 02 03:13:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	150680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	276501	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	266506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	141131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	119880	47.794	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.580%
35) Dibromofluoromethane	5.295	113	82970	47.567	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.140%
50) Toluene-d8	7.903	98	326664	47.399	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.800%
62) 4-Bromofluorobenzene	10.636	95	133156	46.798	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	85357	45.746	ug/l	100
3) Chloromethane	1.520	50	110554	45.742	ug/l	100
4) Vinyl Chloride	1.607	62	114708	47.532	ug/l	99
5) Bromomethane	1.845	94	43765	46.233	ug/l	98
6) Chloroethane	1.916	64	38372	20.698	ug/l	98
7) Trichlorofluoromethane	2.128	101	146002	45.812	ug/l	100
8) Diethyl Ether	2.379	74	70104	47.999	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.575	101	88709	48.944	ug/l	98
10) Methyl Iodide	2.723	142	97793	50.553	ug/l	98
11) Tert butyl alcohol	3.295	59	171707m	238.521	ug/l	
12) 1,1-Dichloroethene	2.578	96	85571	47.899	ug/l	97
13) Acrolein	2.491	56	33285	237.299	ug/l	96
14) Allyl chloride	2.922	41	164230	49.674	ug/l	99
15) Acrylonitrile	3.321	53	369746	254.675	ug/l	99
16) Acetone	2.636	43	315470	211.888	ug/l	99
17) Carbon Disulfide	2.790	76	230527	43.713	ug/l	98
18) Methyl Acetate	2.951	43	217408	49.962	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	344739	49.989	ug/l	99
20) Methylene Chloride	3.047	84	108032	48.174	ug/l	96
21) trans-1,2-Dichloroethene	3.353	96	94427	48.318	ug/l	95
22) Diisopropyl ether	3.999	45	341710	50.625	ug/l	98
23) Vinyl Acetate	3.961	43	1414570	257.675	ug/l	99
24) 1,1-Dichloroethane	3.871	63	192192	49.600	ug/l	100
25) 2-Butanone	4.713	43	506632	239.507	ug/l	97
26) 2,2-Dichloropropane	4.668	77	149424	45.612	ug/l	98
27) cis-1,2-Dichloroethene	4.668	96	111368	48.250	ug/l	99
28) Bromochloromethane	4.980	49	85851	53.455	ug/l	96
29) Tetrahydrofuran	5.057	42	321181	255.068	ug/l	97
30) Chloroform	5.092	83	192272	49.232	ug/l	99
31) Cyclohexane	5.388	56	173683	45.585	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	159053	49.358	ug/l	99
36) 1,1-Dichloropropene	5.530	75	138612	47.937	ug/l	99
37) Ethyl Acetate	4.809	43	197458	51.611	ug/l	99
38) Carbon Tetrachloride	5.527	117	120355	48.101	ug/l	98
39) Methylcyclohexane	6.764	83	165125	46.518	ug/l	97
40) Benzene	5.777	78	418089	48.547	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	99043	50.286	ug/l	96
42) 1,2-Dichloroethane	5.797	62	163914	48.425	ug/l	99
43) Isopropyl Acetate	5.919	43	288229	50.076	ug/l	99
44) Trichloroethene	6.546	130	96091	47.324	ug/l	99
45) 1,2-Dichloropropane	6.793	63	114401	50.104	ug/l	99
46) Dibromomethane	6.922	93	75246	48.921	ug/l	99
47) Bromodichloromethane	7.108	83	149298	49.991	ug/l	98
48) Methyl methacrylate	6.967	41	138643	49.487	ug/l	97
49) 1,4-Dioxane	6.996	88	68591	960.096	ug/l	97
51) 4-Methyl-2-Pentanone	7.806	43	1047086	249.885	ug/l	98
52) Toluene	7.973	92	260869	48.399	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	168618	49.373	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	178565	50.196	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	111483	49.640	ug/l	98
56) Ethyl methacrylate	8.340	69	198848	45.760	ug/l	98
57) 1,3-Dichloropropane	8.581	76	194399	48.502	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.469	63	323981	233.981	ug/l	98
59) 2-Hexanone	8.697	43	837300	245.378	ug/l	98
60) Dibromochloromethane	8.816	129	105056	44.374	ug/l	100
61) 1,2-Dibromoethane	8.928	107	117325	49.146	ug/l	100
64) Tetrachloroethene	8.555	164	75134	43.195	ug/l	99
65) Chlorobenzene	9.449	112	269855	48.296	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	95412	48.910	ug/l	99
67) Ethyl Benzene	9.575	91	504652	49.082	ug/l	100
68) m/p-Xylenes	9.697	106	388140	97.168	ug/l	99
69) o-Xylene	10.105	106	190522	48.057	ug/l	97
70) Styrene	10.118	104	328522	49.395	ug/l	99
71) Bromoform	10.298	173	83321	44.674	ug/l #	99
73) Isopropylbenzene	10.488	105	499005	47.480	ug/l	100
74) N-amyl acetate	10.324	43	269234	50.876	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	221648	48.741	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	225114m	54.685	ug/l	
77) Bromobenzene	10.787	156	117738	46.393	ug/l	98
78) n-propylbenzene	10.909	91	616137	48.107	ug/l	100
79) 2-Chlorotoluene	10.989	91	377033	46.964	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	436856	47.448	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	70148	47.290	ug/l	99
82) 4-Chlorotoluene	11.099	91	432640	47.677	ug/l	99
83) tert-Butylbenzene	11.423	119	429060	47.911	ug/l	100
84) 1,2,4-Trimethylbenzene	11.472	105	443421	48.681	ug/l	99
85) sec-Butylbenzene	11.648	105	550755	47.756	ug/l	100
86) p-Isopropyltoluene	11.796	119	450898	48.604	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	226260	46.555	ug/l	100
88) 1,4-Dichlorobenzene	11.841	146	227479	45.755	ug/l	99
89) n-Butylbenzene	12.211	91	413020	48.337	ug/l	99
90) Hexachloroethane	12.478	117	80064	47.793	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	233650	47.030	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	51462	47.962	ug/l	97
93) 1,2,4-Trichlorobenzene	13.844	180	130642	47.186	ug/l	99
94) Hexachlorobutadiene	14.025	225	53229	46.055	ug/l	99
95) Naphthalene	14.089	128	475901	45.702	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	129566	46.597	ug/l	100

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

