

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110421\
 Data File : VU045547.D
 Acq On : 04 Nov 2021 01:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 05 13:58:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	168590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	279054	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	306717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	155981	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	111821	40.741	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.480%
35) Dibromofluoromethane	5.295	113	93147	52.496	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.000%
50) Toluene-d8	7.899	98	402244	57.811	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	115.620%#
62) 4-Bromofluorobenzene	10.632	95	140148	52.858	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.720%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.385	85	115105	46.634	ug/l	99
3) Chloromethane	1.520	50	146514	43.674	ug/l	100
4) Vinyl Chloride	1.607	62	138846	49.856	ug/l	99
5) Bromomethane	1.861	94	66704	39.455	ug/l	100
6) Chloroethane	1.938	64	58990	35.157	ug/l	98
7) Trichlorofluoromethane	2.141	101	103855	33.307	ug/l	99
8) Diethyl Ether	2.379	74	47229	32.669	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.588	101	89460	47.755	ug/l	98
10) Methyl Iodide	2.729	142	54265	33.758	ug/l	99
11) Tert butyl alcohol	3.253	59	144250	243.480	ug/l	97
12) 1,1-Dichloroethene	2.584	96	92917	48.241	ug/l	91
13) Acrolein	2.501	56	31888	240.485	ug/l	99
14) Allyl chloride	2.928	41	180074	50.914	ug/l	96
15) Acrylonitrile	3.324	53	391646	272.659	ug/l	99
16) Acetone	2.649	43	297171	238.490	ug/l	95
17) Carbon Disulfide	2.800	76	279034	49.780	ug/l	99
18) Methyl Acetate	2.954	43	241738	52.097	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	363997	51.363	ug/l	100
20) Methylene Chloride	3.051	84	118682	47.799	ug/l	99
21) trans-1,2-Dichloroethene	3.359	96	106273	51.201	ug/l	97
22) Diisopropyl ether	3.999	45	292500	42.291	ug/l	92
23) Vinyl Acetate	3.951	43	1055479	196.738	ug/l	98
24) 1,1-Dichloroethane	3.877	63	194237	47.926	ug/l	100
25) 2-Butanone	4.713	43	395498	210.250	ug/l	93
26) 2,2-Dichloropropane	4.668	77	118524	37.749	ug/l	95
27) cis-1,2-Dichloroethene	4.671	96	107443	44.985	ug/l	92
28) Bromochloromethane	4.980	49	64559	32.294	ug/l #	81
29) Tetrahydrofuran	5.057	42	280587	230.006	ug/l	96
30) Chloroform	5.092	83	180083	45.825	ug/l	100
31) Cyclohexane	5.395	56	177361	43.403	ug/l	99
32) 1,1,1-Trichloroethane	5.321	97	130091	40.336	ug/l	96
36) 1,1-Dichloropropene	5.530	75	103456	38.946	ug/l	95
37) Ethyl Acetate	4.809	43	146694	45.599	ug/l	95
38) Carbon Tetrachloride	5.530	117	98740	42.621	ug/l	99
39) Methylcyclohexane	6.768	83	164467	49.788	ug/l	96
40) Benzene	5.780	78	403241	50.429	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	70564	41.446	ug/l	92
42) 1,2-Dichloroethane	5.797	62	130328	44.377	ug/l	95
43) Isopropyl Acetate	5.912	43	242709	50.061	ug/l	96
44) Trichloroethene	6.542	130	95086	51.306	ug/l	96
45) 1,2-Dichloropropane	6.793	63	103440	49.154	ug/l	99
46) Dibromomethane	6.922	93	71878	52.457	ug/l	96
47) Bromodichloromethane	7.108	83	112123	41.579	ug/l	96
48) Methyl methacrylate	6.960	41	111314	48.440	ug/l	92
49) 1,4-Dioxane	7.034	88	63779	1092.075	ug/l #	95
51) 4-Methyl-2-Pentanone	7.793	43	847922	270.591	ug/l	97
52) Toluene	7.973	92	270878	55.727	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	165759	53.931	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	179949	54.670	ug/l	94
55) 1,1,2-Trichloroethane	8.404	97	93412	47.047	ug/l	96
56) Ethyl methacrylate	8.333	69	185097	50.916	ug/l	94
57) 1,3-Dichloropropane	8.578	76	163081	46.271	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	463805	254.847	ug/l	97
59) 2-Hexanone	8.687	43	661914	272.632	ug/l	96
60) Dibromochloromethane	8.813	129	102560	53.822	ug/l	99
61) 1,2-Dibromoethane	8.925	107	113362	54.509	ug/l	98
64) Tetrachloroethene	8.555	164	82912	47.290	ug/l	98
65) Chlorobenzene	9.449	112	270336	46.487	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	94621	48.226	ug/l	97
67) Ethyl Benzene	9.571	91	498529	46.799	ug/l	99
68) m/p-Xylenes	9.697	106	383349	95.334	ug/l	98
69) o-Xylene	10.102	106	149818	38.210	ug/l	94
70) Styrene	10.115	104	257218	35.762	ug/l	96
71) Bromoform	10.292	173	69055	39.353	ug/l #	98
73) Isopropylbenzene	10.488	105	445681	42.375	ug/l	100
74) N-amyl acetate	10.320	43	155264	28.959	ug/l	92
75) 1,1,2,2-Tetrachloroethane	10.783	83	186394	44.652	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	212712	51.183	ug/l	95
77) Bromobenzene	10.783	156	113594	46.289	ug/l	97
78) n-propylbenzene	10.909	91	580824	45.550	ug/l	99
79) 2-Chlorotoluene	10.989	91	344350	44.865	ug/l	98
80) 1,3,5-Trimethylbenzene	11.089	105	417512	47.176	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.549	75	52789	36.276	ug/l	91
82) 4-Chlorotoluene	11.099	91	404822	46.382	ug/l	98
83) tert-Butylbenzene	11.423	119	410434	48.045	ug/l	97
84) 1,2,4-Trimethylbenzene	11.468	105	430235	48.518	ug/l	99
85) sec-Butylbenzene	11.645	105	526258	46.944	ug/l	100
86) p-Isopropyltoluene	11.796	119	434653	43.789	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	223554	46.149	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	213777	43.156	ug/l	99
89) n-Butylbenzene	12.211	91	405370	41.859	ug/l	99
90) Hexachloroethane	12.478	117	72923	45.574	ug/l	96
91) 1,2-Dichlorobenzene	12.214	146	226722	46.795	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	49420	49.291	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	154796	47.709	ug/l	98
94) Hexachlorobutadiene	14.021	225	56809	48.088	ug/l	99
95) Naphthalene	14.089	128	606468	47.284	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	159869	48.882	ug/l	99

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

