

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045552.D
 Acq On : 05 Nov 2021 11:37
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Quant Time: Nov 05 12:02:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 11:59:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	136880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	238577	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	234895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	122604	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	97906	43.935	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.860%
35) Dibromofluoromethane	5.292	113	75809	49.974	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.940%
50) Toluene-d8	7.899	98	293929	49.411	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.820%
62) 4-Bromofluorobenzene	10.632	95	112484	49.622	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	91634	50.386	ug/l	99
3) Chloromethane	1.523	50	99352	36.477	ug/l	99
4) Vinyl Chloride	1.607	62	101524	44.900	ug/l	99
5) Bromomethane	1.848	94	60344	43.961	ug/l	97
6) Chloroethane	1.928	64	62690	46.017	ug/l	97
7) Trichlorofluoromethane	2.137	101	131814	52.067	ug/l	99
8) Diethyl Ether	2.379	74	52785	44.971	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.584	101	77562	50.995	ug/l	98
10) Methyl Iodide	2.726	142	103854	86.103	ug/l	93
11) Tert butyl alcohol	3.173	59	106512	221.431	ug/l	99
12) 1,1-Dichloroethene	2.581	96	75562	48.319	ug/l	98
13) Acrolein	2.488	56	13946	129.540	ug/l	100
14) Allyl chloride	2.925	41	137585	47.913	ug/l	99
15) Acrylonitrile	3.311	53	283646	243.218	ug/l	99
16) Acetone	2.623	43	278270	275.056	ug/l	98
17) Carbon Disulfide	2.797	76	208366	45.784	ug/l	100
18) Methyl Acetate	2.948	43	181890	48.280	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	279765	48.623	ug/l	99
20) Methylene Chloride	3.047	84	88232	43.767	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	81155	48.157	ug/l	97
22) Diisopropyl ether	3.996	45	277206	49.365	ug/l	93
23) Vinyl Acetate	3.957	43	1082402	248.496	ug/l	99
24) 1,1-Dichloroethane	3.874	63	161187	48.984	ug/l	99
25) 2-Butanone	4.700	43	387493	253.716	ug/l	99
26) 2,2-Dichloropropane	4.671	77	137511	53.942	ug/l	98
27) cis-1,2-Dichloroethene	4.671	96	93934	48.440	ug/l	98
28) Bromochloromethane	4.977	49	75478	46.503	ug/l	98
29) Tetrahydrofuran	5.047	42	233426	235.675	ug/l	99
30) Chloroform	5.092	83	157883	49.484	ug/l	99
31) Cyclohexane	5.391	56	147428	44.436	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	138402	52.855	ug/l	98
36) 1,1-Dichloropropene	5.530	75	118700	52.266	ug/l	100
37) Ethyl Acetate	4.803	43	138296	50.282	ug/l	100
38) Carbon Tetrachloride	5.530	117	117452	59.299	ug/l	99
39) Methylcyclohexane	6.768	83	147702	52.299	ug/l	96
40) Benzene	5.777	78	344986	50.463	ug/l	99

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41) Methacrylonitrile	4.970	41	75413	51.809	ug/l	99
42) 1,2-Dichloroethane	5.796	62	127055	50.603	ug/l	99
43) Isopropyl Acetate	5.912	43	216665	52.271	ug/l	100
44) Trichloroethene	6.546	130	82251	51.910	ug/l	99
45) 1,2-Dichloropropane	6.793	63	93663	52.060	ug/l	98
46) Dibromomethane	6.919	93	63804	54.465	ug/l	99
47) Bromodichloromethane	7.108	83	124894	54.172	ug/l	98
48) Methyl methacrylate	6.960	41	99828	50.812	ug/l	98
49) 1,4-Dioxane	6.960	88	51243	1026.287	ug/l #	93
51) 4-Methyl-2-Pentanone	7.793	43	716129	267.306	ug/l	99
52) Toluene	7.970	92	220209	52.989	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	145518	55.378	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	154435	54.878	ug/l	96
55) 1,1,2-Trichloroethane	8.401	97	89383	52.655	ug/l	99
56) Ethyl methacrylate	8.333	69	149241	55.182	ug/l	98
57) 1,3-Dichloropropane	8.578	76	160528	53.275	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	398419	256.061	ug/l	99
59) 2-Hexanone	8.684	43	572987	276.045	ug/l	99
60) Dibromochloromethane	8.812	129	94310	57.890	ug/l	98
61) 1,2-Dibromoethane	8.925	107	96867	54.480	ug/l	100
64) Tetrachloroethene	8.555	164	68937	51.342	ug/l	100
65) Chlorobenzene	9.449	112	230679	51.796	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	82612	54.980	ug/l	98
67) Ethyl Benzene	9.571	91	424865	52.078	ug/l	100
68) m/p-Xylenes	9.697	106	327132	106.229	ug/l	100
69) o-Xylene	10.102	106	157304	52.386	ug/l	98
70) Styrene	10.115	104	271891	53.988	ug/l	98
71) Bromoform	10.291	173	71309	58.710	ug/l #	100
73) Isopropylbenzene	10.484	105	419855	50.787	ug/l	100
74) N-amyl acetate	10.320	43	194457	51.276	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	159758	48.690	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	189120	57.894	ug/l	95
77) Bromobenzene	10.783	156	98467	51.048	ug/l	97
78) n-propylbenzene	10.906	91	517759	51.658	ug/l	100
79) 2-Chlorotoluene	10.986	91	302409	50.127	ug/l	98
80) 1,3,5-Trimethylbenzene	11.089	105	368437	52.964	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	54744	50.815	ug/l	96
82) 4-Chlorotoluene	11.099	91	358369	52.238	ug/l	100
83) tert-Butylbenzene	11.423	119	350068	52.134	ug/l	98
84) 1,2,4-Trimethylbenzene	11.468	105	374146	53.679	ug/l	99
85) sec-Butylbenzene	11.645	105	462734	52.514	ug/l	100
86) p-Isopropyltoluene	11.796	119	390223	54.720	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	194172	50.996	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	197572	50.742	ug/l	99
89) n-Butylbenzene	12.211	91	370968	54.196	ug/l	100
90) Hexachloroethane	12.478	117	66840	53.144	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	194241	51.005	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	39542	50.175	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	133920	52.511	ug/l	98
94) Hexachlorobutadiene	14.021	225	55380	59.640	ug/l	99
95) Naphthalene	14.086	128	491585	53.282	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	135285	52.626	ug/l	99

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

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