

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011123\
 Data File : VU052648.D
 Acq On : 11 Jan 2023 13:48
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023

Quant Time: Jan 12 03:18:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 12 03:18:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	203771	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	355401	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	320145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	140685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	2616	0.835	ug/l	84
3) Chloromethane	1.520	50	4791	1.103	ug/l	93
4) Vinyl Chloride	1.604	62	3646	1.123	ug/l	95
6) Chloroethane	1.932	64	2208	1.367	ug/l	95
7) Trichlorofluoromethane	2.138	101	4400	1.060	ug/l	96
8) Diethyl Ether	2.372	74	1833	1.188	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.581	101	2586	1.138	ug/l	91
12) 1,1-Dichloroethene	2.578	96	2527	1.130	ug/l	96
14) Allyl chloride	2.922	41	4642	1.030	ug/l	92
15) Acrylonitrile	3.318	53	8033	4.580	ug/l	98
16) Acetone	2.642	43	10002	6.184	ug/l	95
17) Carbon Disulfide	2.793	76	8271	1.177	ug/l	95
18) Methyl Acetate	2.948	43	4385	0.998	ug/l	99
19) Methyl tert-butyl Ether	3.363	73	7583	0.920	ug/l #	82
20) Methylene Chloride	3.044	84	5828	1.974	ug/l #	86
21) trans-1,2-Dichloroethene	3.350	96	2656	1.100	ug/l	94
22) Diisopropyl ether	3.986	45	8011	0.928	ug/l #	70
23) Vinyl Acetate	3.961	43	29725	4.006	ug/l #	92
24) 1,1-Dichloroethane	3.867	63	5502	1.111	ug/l #	92
25) 2-Butanone	4.719	43	10685	4.494	ug/l #	83
26) 2,2-Dichloropropane	4.668	77	4409	1.082	ug/l	98
27) cis-1,2-Dichloroethene	4.668	96	2968	1.069	ug/l	86
28) Bromochloromethane	4.967	49	2488	1.141	ug/l #	65
29) Tetrahydrofuran	5.064	42	5792	3.624	ug/l #	85
30) Chloroform	5.083	83	6812	1.397	ug/l	95
32) 1,1,1-Trichloroethane	5.311	97	4314	1.034	ug/l #	46
36) 1,1-Dichloropropene	5.523	75	3976	1.087	ug/l #	80
37) Ethyl Acetate	4.809	43	6213	1.300	ug/l #	91
38) Carbon Tetrachloride	5.520	117	3607	0.964	ug/l	89
39) Methylcyclohexane	6.761	83	4395	1.010	ug/l #	84
40) Benzene	5.771	78	11235	1.023	ug/l	96
41) Methacrylonitrile	4.986	41	1962	0.797	ug/l #	68
42) 1,2-Dichloroethane	5.793	62	4133	1.020	ug/l	100
43) Isopropyl Acetate	5.916	43	5665	0.795	ug/l #	89
44) Trichloroethene	6.539	130	2933	1.125	ug/l	91
45) 1,2-Dichloropropane	6.790	63	3349	1.099	ug/l #	78

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	6.916	93	2105	1.054	ug/l #	75
47) Bromodichloromethane	7.102	83	4299	1.106	ug/l #	86
48) Methyl methacrylate	6.964	41	2603	0.783	ug/l #	77
49) 1,4-Dioxane	7.022	88	1103	13.243	ug/l #	97
51) 4-Methyl-2-Pentanone	7.790	43	16773	3.529	ug/l	89
52) Toluene	7.970	92	5995	0.913	ug/l	97
53) t-1,3-Dichloropropene	8.208	75	3730	0.893	ug/l	93
54) cis-1,3-Dichloropropene	7.607	75	4304	0.961	ug/l	99
55) 1,1,2-Trichloroethane	8.398	97	2823	1.055	ug/l #	89
56) Ethyl methacrylate	8.333	69	2912	0.658	ug/l	93
57) 1,3-Dichloropropane	8.571	76	4528	0.945	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.465	63	392	1.539	ug/l #	46
59) 2-Hexanone	8.687	43	12575	3.357	ug/l	89
60) Dibromochloromethane	8.809	129	2829	1.021	ug/l	97
61) 1,2-Dibromoethane	8.922	107	2570	0.883	ug/l	97
64) Tetrachloroethene	8.552	164	2074	1.001	ug/l #	75
65) Chlorobenzene	9.443	112	7001	1.059	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.530	131	2368	0.961	ug/l #	56
67) Ethyl Benzene	9.568	91	10782	0.891	ug/l	92
68) m/p-Xylenes	9.694	106	7088	1.569	ug/l	84
69) o-Xylene	10.099	106	3343	0.753	ug/l	86
70) Styrene	10.112	104	5265	0.735	ug/l	89
71) Bromoform	10.285	173	2125	1.017	ug/l #	94
73) Isopropylbenzene	10.478	105	8494	0.851	ug/l	97
74) N-amyl acetate	10.321	43	3620	0.704	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	10.780	83	4689	1.125	ug/l	88
76) 1,2,3-Trichloropropane	10.819	75	4998	1.068	ug/l	99
77) Bromobenzene	10.780	156	2599	1.070	ug/l	86
78) n-propylbenzene	10.906	91	9921	0.814	ug/l	90
79) 2-Chlorotoluene	10.983	91	6699	0.898	ug/l	92
80) 1,3,5-Trimethylbenzene	11.086	105	6672	0.768	ug/l	89
82) 4-Chlorotoluene	11.095	91	6805	0.805	ug/l	94
83) tert-Butylbenzene	11.417	119	7255	0.851	ug/l	97
84) 1,2,4-Trimethylbenzene	11.465	105	6339	0.743	ug/l	95
85) sec-Butylbenzene	11.639	105	8061	0.749	ug/l	93
86) p-Isopropyltoluene	11.790	119	6136	0.700	ug/l	89
87) 1,3-Dichlorobenzene	11.745	146	4711	1.007	ug/l	92
88) 1,4-Dichlorobenzene	11.832	146	5051m	1.066	ug/l	
89) n-Butylbenzene	12.205	91	5792	0.710	ug/l	95
90) Hexachloroethane	12.472	117	1651	0.961	ug/l	87
91) 1,2-Dichlorobenzene	12.208	146	4530	0.965	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.996	75	954	0.909	ug/l	69
93) 1,2,4-Trichlorobenzene	13.835	180	2396	0.737	ug/l	92
94) Hexachlorobutadiene	14.018	225	1603	1.108	ug/l	89
95) Naphthalene	14.086	128	6433	0.522	ug/l #	89
96) 1,2,3-Trichlorobenzene	14.327	180	2428	0.719	ug/l	100

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

