

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080222\
 Data File : VU050048.D
 Acq On : 02 Aug 2022 16:45
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005143

Quant Time: Aug 03 00:52:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 03 00:51:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	75831	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	76585	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	36365	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	38728	5.948	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 119.000%	
7) Chloroethane-d5	1.912	69	30738	6.573	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 131.400%#	
11) 1,1-Dichloroethene-d2	2.562	65	14850	6.618	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 132.400%#	
20) 2-Butanone-d5	4.655	46	96809	66.795	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 133.580%#	
24) Chloroform-d	5.063	84	67442	6.260	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 125.200%#	
26) 1,2-Dichloroethane-d4	5.706	65	34889	6.426	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 128.600%	
32) Benzene-d6	5.726	84	132297	5.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 117.000%	
36) 1,2-Dichloropropane-d6	6.694	67	43922	5.924	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 118.400%	
41) Toluene-d8	7.899	98	122543	6.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 121.800%	
43) trans-1,3-Dichloroprop...	8.182	79	15580	5.996	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 120.000%	
46) 2-Hexanone-d5	8.642	63	57554	59.169	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 118.340%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38909	6.246	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 125.000%#	
66) 1,2-Dichlorobenzene-d4	12.195	152	39228	5.816	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 116.400%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	31305	5.349	ug/L	100
3) Chloromethane	1.520	50	36970	5.331	ug/L	98
5) Vinyl chloride	1.604	62	35778	5.489	ug/L	98
6) Bromomethane	1.858	94	22296	6.180	ug/L	98
8) Chloroethane	1.932	64	22511	6.091	ug/L	97
9) Trichlorofluoromethane	2.137	101	44362	5.779	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	25149	5.564	ug/L	99
12) 1,1-Dichloroethene	2.575	96	24101	5.759	ug/L	88
13) Acetone	2.646	43	50436	49.509	ug/L	90
14) Carbon disulfide	2.787	76	61201	4.814	ug/L	99
15) Methyl Acetate	2.957	43	13864	6.560	ug/L	98
16) Methylene chloride	3.041	84	36090	5.608	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	84293	7.205	ug/L	98
18) trans-1,2-Dichloroethene	3.343	96	26928	5.854	ug/L	100
19) 1,1-Dichloroethane	3.864	63	57868	6.132	ug/L	98
21) 2-Butanone	4.735	43	80439	54.822	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	32565	5.923	ug/L	95
23) Bromochloromethane	4.973	128	15643	6.213	ug/L	94
25) Chloroform	5.089	83	63302	5.986	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	37565	6.365	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	46891	5.766	ug/L	98
30) Cyclohexane	5.379	56	32861	4.787	ug/L	99
31) Carbon tetrachloride	5.520	117	37057	5.610	ug/L	100
33) Benzene	5.771	78	128447	5.746	ug/L	100
34) Trichloroethene	6.542	95	30151	5.549	ug/L	98
35) Methylcyclohexane	6.761	83	33374	4.657	ug/L	96
37) 1,2-Dichloropropane	6.793	63	36871	5.985	ug/L	100
38) Bromodichloromethane	7.108	83	45732	6.136	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	45133	5.662	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	223958	62.922	ug/L	98
42) Toluene	7.970	91	133710	5.883	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	40207	6.006	ug/L	96
45) 1,1,2-Trichloroethane	8.401	97	29176	6.339	ug/L	97
47) Tetrachloroethene	8.552	164	21324	5.453	ug/L	97
48) 2-Hexanone	8.694	43	180002	66.342	ug/L	99
49) Dibromochloromethane	8.812	129	32886	6.529	ug/L	97
50) 1,2-Dibromoethane	8.928	107	26237	6.419	ug/L	97
51) Chlorobenzene	9.449	112	83293	5.773	ug/L	99
52) Ethylbenzene	9.571	91	123437	5.544	ug/L	99
53) m,p-Xylene	9.693	106	46330	5.465	ug/L	96
54) o-Xylene	10.102	106	47538	5.783	ug/L	96
55) Styrene	10.115	104	82443	5.889	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	39176	6.539	ug/L	95
59) Bromoform	10.291	173	18910	6.469	ug/L	96
60) Isopropylbenzene	10.484	105	115375	5.371	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	26339	6.237	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	89773	5.144	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	89258	5.277	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	59841	5.818	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	58413	5.739	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	61266	5.995	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	5822	6.979	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	40109	5.408	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	29978	5.067	ug/L	97
71) Naphthalene	14.089	128	55357	4.719	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	31647	5.390	ug/L	97

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

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