

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
 Data File : VU049847.D
 Acq On : 22 Jul 2022 13:25
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV043

Quant Time: Jul 23 00:59:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 23 00:51:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	100306	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	99140	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	50913	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	38298	4.716	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.912	69	33481	4.926	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.562	65	16318	4.502	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	4.639	46	155861	53.343	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.680%
24) Chloroform-d	5.063	84	92523	5.116	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.703	65	52440	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.726	84	167561	4.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.690	67	58625	5.023	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.899	98	148186	5.018	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	8.179	79	21640	5.107	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.200%
46) 2-Hexanone-d5	8.636	63	90661	53.995	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.980%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	49703	5.071	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	54544	5.190	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	49208	4.647	ug/L	97
3) Chloromethane	1.520	50	65506	5.028	ug/L	95
5) Vinyl chloride	1.601	62	53575	4.918	ug/L	99
6) Bromomethane	1.855	94	31089	5.277	ug/L	99
8) Chloroethane	1.932	64	31097	4.954	ug/L	99
9) Trichlorofluoromethane	2.134	101	63172	4.717	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	30866	4.712	ug/L	98
12) 1,1-Dichloroethene	2.575	96	32665	4.928	ug/L	99
13) Acetone	2.649	43	99056	56.363	ug/L	98
14) Carbon disulfide	2.790	76	105191	5.130	ug/L	99
15) Methyl Acetate	2.957	43	23202	5.296	ug/L	97
16) Methylene chloride	3.041	84	61102	4.087	ug/L	100
17) Methyl tert-butyl Ether	3.366	73	118156	5.503	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	40032	5.225	ug/L	94
19) 1,1-Dichloroethane	3.871	63	88145	5.323	ug/L	98
21) 2-Butanone	4.716	43	166229	55.770	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	48370	5.451	ug/L	100
23) Bromochloromethane	4.977	128	22184	5.597	ug/L	90
25) Chloroform	5.089	83	92055	5.241	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	64364	5.335	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	71130	5.111	ug/L	99
30) Cyclohexane	5.388	56	54505	4.836	ug/L	99
31) Carbon tetrachloride	5.523	117	56372	4.988	ug/L	100
33) Benzene	5.774	78	188068	5.228	ug/L	100
34) Trichloroethene	6.543	95	46096	5.285	ug/L	97
35) Methylcyclohexane	6.764	83	49706	4.620	ug/L	99
37) 1,2-Dichloropropane	6.790	63	54139	5.280	ug/L	99
38) Bromodichloromethane	7.105	83	66099	5.160	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	71650	5.303	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	392881	54.936	ug/L	100
42) Toluene	7.970	91	192685	5.355	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	62763	5.381	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	37660	5.147	ug/L	98
47) Tetrachloroethene	8.552	164	31487	5.244	ug/L	98
48) 2-Hexanone	8.687	43	298612	55.944	ug/L	97
49) Dibromochloromethane	8.809	129	43718	5.345	ug/L	98
50) 1,2-Dibromoethane	8.925	107	34574	5.320	ug/L #	94
51) Chlorobenzene	9.446	112	121544	5.321	ug/L	99
52) Ethylbenzene	9.571	91	198647	5.370	ug/L	99
53) m,p-Xylene	9.694	106	73901	5.430	ug/L	100
54) o-Xylene	10.102	106	74260	5.522	ug/L	96
55) Styrene	10.115	104	127878	5.614	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.784	83	50505	5.343	ug/L	96
59) Bromoform	10.292	173	23893	5.392	ug/L	98
60) Isopropylbenzene	10.484	105	185944	5.521	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	36370	5.362	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	157113	5.520	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	156769	5.675	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	91565	5.498	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	90721	5.506	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	87322	5.308	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	8393	5.531	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	67660	5.503	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	58964	5.712	ug/L	99
71) Naphthalene	14.086	128	123060	6.115	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	58046	5.850	ug/L	96

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

