

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061323\
 Data File : VU054511.D
 Acq On : 13 Jun 2023 15:26
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005183

Quant Time: Jun 14 00:09:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 14 00:05:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	275507	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	270329	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	147060	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	83870	4.783	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.914	69	95656	5.827	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.600%
11) 1,1-Dichloroethene-d2	2.563	65	38895	4.967	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.400%
20) 2-Butanone-d5	4.637	46	277840	56.360	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.720%
24) Chloroform-d	5.058	84	203831	5.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.200%
26) 1,2-Dichloroethane-d4	5.698	65	99019	5.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.800%
32) Benzene-d6	5.724	84	394741	5.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
36) 1,2-Dichloropropane-d6	6.688	67	130992	5.220	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.894	98	348349	5.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
43) trans-1,3-Dichloroprop...	8.177	79	41104	4.710	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.631	63	189538	51.768	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.540%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	99997	5.343	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	130291	5.253	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	127234	4.942	ug/L	99
3) Chloromethane	1.518	50	147518	4.988	ug/L	99
5) Vinyl chloride	1.602	62	155993	5.139	ug/L	99
6) Bromomethane	1.856	94	88260	5.289	ug/L	99
8) Chloroethane	1.933	64	97568	5.363	ug/L	100
9) Trichlorofluoromethane	2.136	101	197826	5.301	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	114357	5.238	ug/L	97
12) 1,1-Dichloroethene	2.576	96	104149	5.212	ug/L	88
13) Acetone	2.653	43	182329	39.227	ug/L	99
14) Carbon disulfide	2.792	76	299835	5.060	ug/L	99
15) Methyl Acetate	2.959	43	44436	5.159	ug/L	97
16) Methylene chloride	3.042	84	128467	4.572	ug/L	99
17) Methyl tert-butyl Ether	3.361	73	253174	5.133	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	106702	5.172	ug/L	97
19) 1,1-Dichloroethane	3.865	63	224379	5.255	ug/L	97
21) 2-Butanone	4.718	43	294569	48.832	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	120877	5.145	ug/L	99
23) Bromochloromethane	4.972	128	52636	5.384	ug/L	98
25) Chloroform	5.084	83	221363	5.259	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	129072	5.231	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	187787	5.123	ug/L	99
30) Cyclohexane	5.386	56	184265	4.615	ug/L	96
31) Carbon tetrachloride	5.521	117	163197	5.167	ug/L	98
33) Benzene	5.769	78	481397	4.955	ug/L	100
34) Trichloroethene	6.541	95	127737	4.972	ug/L	95
35) Methylcyclohexane	6.759	83	182740	4.706	ug/L	98
37) 1,2-Dichloropropane	6.788	63	129499	4.930	ug/L	99
38) Bromodichloromethane	7.100	83	152604	5.132	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	179615	5.008	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	697951	49.788	ug/L	99
42) Toluene	7.965	91	517431	5.172	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	148212	5.092	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	85404	5.111	ug/L	99
47) Tetrachloroethene	8.550	164	95844	4.874	ug/L	98
48) 2-Hexanone	8.682	43	514129	49.221	ug/L	99
49) Dibromochloromethane	8.807	129	94813	5.403	ug/L	99
50) 1,2-Dibromoethane	8.920	107	78705	5.130	ug/L	99
51) Chlorobenzene	9.441	112	317172	5.086	ug/L	97
52) Ethylbenzene	9.566	91	549507	5.029	ug/L	100
53) m,p-Xylene	9.692	106	205143	5.111	ug/L	99
54) o-Xylene	10.097	106	200602	5.168	ug/L	100
55) Styrene	10.110	104	344571	5.289	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	106013	4.994	ug/L	98
59) Bromoform	10.286	173	57109	5.409	ug/L	97
60) Isopropylbenzene	10.479	105	545575	5.071	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	72155	4.855	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	433458	4.938	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	442549	4.964	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	257652	5.124	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	253892	5.031	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	235326	5.088	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.990	75	15751	4.823	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	188320	4.963	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	148434	4.731	ug/L	99
71) Naphthalene	14.084	128	214949	4.213	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	131469	4.878	ug/L	98

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

