

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122823\
 Data File : VU057333.D
 Acq On : 28 Dec 2023 14:13
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005115

Quant Time: Dec 28 21:33:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 05:49:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	264152	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	261703	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	125123	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	112727	4.964	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.200%
7) Chloroethane-d5	1.911	69	96143	5.271	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.400%
11) 1,1-Dichloroethene-d2	2.563	65	44160	4.886	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	4.634	46	237398	46.157	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.320%
24) Chloroform-d	5.055	84	207677	5.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.698	65	97649	4.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.721	84	378399	5.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	6.685	67	119760	5.123	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.894	98	330918	5.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
43) trans-1,3-Dichloroprop...	8.174	79	45097	4.808	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.631	63	192787	45.380	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.760%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	91712	4.671	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	109268	4.796	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	89765	4.682	ug/L	99
3) Chloromethane	1.518	50	105893	4.980	ug/L	98
5) Vinyl chloride	1.602	62	109746	4.977	ug/L	98
6) Bromomethane	1.856	94	54952	5.284	ug/L	93
8) Chloroethane	1.933	64	68666	4.804	ug/L	98
9) Trichlorofluoromethane	2.132	101	147089	4.630	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	92336	4.806	ug/L	99
12) 1,1-Dichloroethene	2.576	96	79245	4.590	ug/L	94
13) Acetone	2.657	43	127363	37.994	ug/L	97
14) Carbon disulfide	2.788	76	225969	4.590	ug/L	100
15) Methyl Acetate	2.959	43	31580	4.137	ug/L	97
16) Methylene chloride	3.042	84	126266	5.667	ug/L	95
17) Methyl tert-butyl Ether	3.358	73	187295	4.298	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	79259	4.626	ug/L	94
19) 1,1-Dichloroethane	3.862	63	173407	4.816	ug/L	96
21) 2-Butanone	4.714	43	193690	40.456	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	92778	4.685	ug/L	97
23) Bromochloromethane	4.972	128	40083	4.528	ug/L	95
25) Chloroform	5.081	83	181533	4.780	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	104851	4.406	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	152962	4.615	ug/L	99
30) Cyclohexane	5.383	56	117258	4.743	ug/L	97
31) Carbon tetrachloride	5.518	117	128701	4.629	ug/L	100
33) Benzene	5.769	78	363138	4.817	ug/L	100
34) Trichloroethene	6.537	95	93693	4.664	ug/L	95
35) Methylcyclohexane	6.759	83	122707	4.676	ug/L	99
37) 1,2-Dichloropropane	6.785	63	100456	4.789	ug/L	100
38) Bromodichloromethane	7.100	83	123920	4.580	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	130144	4.538	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	472473	44.208	ug/L	99
42) Toluene	7.965	91	377600	4.652	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	111294	4.450	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	67239	4.401	ug/L	98
47) Tetrachloroethene	8.550	164	64775	4.563	ug/L	99
48) 2-Hexanone	8.682	43	356720	45.270	ug/L	99
49) Dibromochloromethane	8.804	129	74714	4.294	ug/L	99
50) 1,2-Dibromoethane	8.920	107	59919	4.370	ug/L	98
51) Chlorobenzene	9.444	112	230941	4.681	ug/L	97
52) Ethylbenzene	9.566	91	388363	4.794	ug/L	99
53) m,p-Xylene	9.692	106	147334	4.776	ug/L	99
54) o-Xylene	10.097	106	141443	4.823	ug/L	98
55) Styrene	10.110	104	245048	4.963	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	83397	4.412	ug/L	99
59) Bromoform	10.287	173	42220	4.309	ug/L	99
60) Isopropylbenzene	10.479	105	383906	5.003	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	56617	4.334	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	292943	4.878	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	296049	4.959	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	177460	4.812	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	174583	4.651	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	164794	4.649	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	11180	3.892	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	123253	4.668	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	91775	4.380	ug/L	99
71) Naphthalene	14.084	128	126379	3.859	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	77262	4.231	ug/L	99

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

