

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112923\
 Data File : VU056639.D
 Acq On : 29 Nov 2023 14:23
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005182

Quant Time: Nov 29 23:30:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 29 23:29:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	289097	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	285339	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	140564	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	94498	4.370	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.911	69	76424	4.610	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.564	65	42596	4.464	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.625	46	244167	56.628	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.260%
24) Chloroform-d	5.059	84	203062	4.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.695	65	97440	5.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.721	84	370489	4.358	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.686	67	117275	4.577	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.895	98	323426	4.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.174	79	46241	4.706	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.631	63	190203	49.254	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.500%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	91084	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	112181	4.320	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	91862	4.010	ug/L	96
3) Chloromethane	1.515	50	97928	4.184	ug/L	97
5) Vinyl chloride	1.602	62	97896	4.341	ug/L	99
6) Bromomethane	1.856	94	53537	4.690	ug/L	96
8) Chloroethane	1.930	64	61006	4.428	ug/L	99
9) Trichlorofluoromethane	2.136	101	151949	4.675	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	95993	4.975	ug/L	99
12) 1,1-Dichloroethene	2.576	96	83687	4.729	ug/L	92
13) Acetone	2.638	43	161918	44.091	ug/L	99
14) Carbon disulfide	2.789	76	209446	3.637	ug/L	100
15) Methyl Acetate	2.949	43	32246	4.934	ug/L	100
16) Methylene chloride	3.039	84	106779	4.559	ug/L	97
17) Methyl tert-butyl Ether	3.355	73	219655	5.109	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	85913	4.718	ug/L	98
19) 1,1-Dichloroethane	3.863	63	180905	5.016	ug/L	98
21) 2-Butanone	4.708	43	224105	47.029	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	102088	4.944	ug/L	98
23) Bromochloromethane	4.969	128	43599	5.130	ug/L	96
25) Chloroform	5.081	83	197318	5.049	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112923\
 Data File : VU056639.D
 Acq On : 29 Nov 2023 14:23
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005182

Quant Time: Nov 29 23:30:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 29 23:29:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.789	62	114849	5.176	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	166473	5.083	ug/L	100
30) Cyclohexane	5.383	56	122375	3.937	ug/L	99
31) Carbon tetrachloride	5.518	117	133898	4.760	ug/L	100
33) Benzene	5.769	78	388973	4.778	ug/L	100
34) Trichloroethene	6.538	95	103564	4.669	ug/L	97
35) Methylcyclohexane	6.760	83	131265	4.099	ug/L	96
37) 1,2-Dichloropropane	6.785	63	106246	5.004	ug/L	100
38) Bromodichloromethane	7.100	83	138484	5.052	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	148753	4.768	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	528474	50.212	ug/L	100
42) Toluene	7.965	91	408310	4.844	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	124243	4.995	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	72778	5.147	ug/L	96
47) Tetrachloroethene	8.551	164	72785	4.866	ug/L	98
48) 2-Hexanone	8.682	43	389431	47.495	ug/L	98
49) Dibromochloromethane	8.805	129	83403	5.187	ug/L	99
50) 1,2-Dibromoethane	8.917	107	68096	5.101	ug/L	99
51) Chlorobenzene	9.444	112	265329	4.899	ug/L	98
52) Ethylbenzene	9.567	91	443901	4.742	ug/L	99
53) m,p-Xylene	9.692	106	164451	4.779	ug/L	96
54) o-Xylene	10.097	106	161141	4.821	ug/L	99
55) Styrene	10.113	104	276578	4.975	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	89036	5.157	ug/L	96
59) Bromoform	10.287	173	46501	5.311	ug/L	98
60) Isopropylbenzene	10.480	105	441732	4.873	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	62981	5.222	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	359041	4.824	ug/L	99
63) 1,2,4-Trimethylbenzene	11.464	105	360954	4.913	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	206539	5.009	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	202063	4.885	ug/L	99
67) 1,2-Dichlorobenzene	12.210	146	188935	4.994	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.994	75	12189	4.732	ug/L	95
69) 1,3,5-Trichlorobenzene	13.216	180	153400	4.941	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	115040	4.549	ug/L	98
71) Naphthalene	14.084	128	152105	3.981	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	93493	4.488	ug/L	96

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

Quant Time: Nov 29 23:30:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 29 23:29:11 2023
Response via : Initial Calibration

