

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111824\
 Data File : VU061846.D
 Acq On : 19 Nov 2024 06:19
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005148

Quant Time: Nov 19 06:44:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 03:37:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	187606	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	250901	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	87864	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	56094	4.628	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.908	69	47775	4.617	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.560	65	23952	4.404	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.608	46	122976	47.798	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.600%
24) Chloroform-d	5.052	84	121516	5.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.692	65	57450	4.969	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.718	84	238971	3.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.800%#
36) 1,2-Dichloropropane-d6	6.679	67	71391	3.487	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	69.800%
41) Toluene-d8	7.888	98	281410	4.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.174	79	33549	4.449	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.621	63	134067	44.992	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.980%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	58774	3.642	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	76510	4.889	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.380	85	62366	4.473	ug/L	99
3) Chloromethane	1.518	50	59421	4.697	ug/L	99
5) Vinyl chloride	1.602	62	66593	4.771	ug/L	100
6) Bromomethane	1.846	94	40772	4.895	ug/L	99
8) Chloroethane	1.927	64	44471	4.592	ug/L	99
9) Trichlorofluoromethane	2.133	101	119423	5.819	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	56604	4.666	ug/L	100
12) 1,1-Dichloroethene	2.573	96	52501	4.636	ug/L	97
13) Acetone	2.615	43	72518	44.739	ug/L	98
14) Carbon disulfide	2.785	76	155314	4.270	ug/L	100
15) Methyl Acetate	2.943	43	19698	4.864	ug/L	99
16) Methylene chloride	3.036	84	62944	4.823	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	135016	4.864	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	59709	4.807	ug/L	97
19) 1,1-Dichloroethane	3.859	63	112179	4.953	ug/L	98
21) 2-Butanone	4.689	43	124854	47.163	ug/L	96
22) cis-1,2-Dichloroethene	4.653	96	71194	5.082	ug/L	93
23) Bromochloromethane	4.965	128	30962	4.976	ug/L	99
25) Chloroform	5.078	83	123088	5.156	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	74076	4.945	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	99510	3.485	ug/L	99
30) Cyclohexane	5.377	56	94834	3.325	ug/L	99
31) Carbon tetrachloride	5.512	117	85271	3.507	ug/L	100
33) Benzene	5.763	78	268500	3.536	ug/L	100
34) Trichloroethene	6.534	95	71924	3.508	ug/L	99
35) Methylcyclohexane	6.753	83	103703	3.354	ug/L	97
37) 1,2-Dichloropropane	6.779	63	69065	3.585	ug/L	99
38) Bromodichloromethane	7.097	83	80759	3.494	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	90981	3.318	ug/L	96
40) 4-Methyl-2-pentanone	7.779	43	407457	44.112	ug/L	99
42) Toluene	7.962	91	367845	4.499	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	101389	4.662	ug/L	97
45) 1,1,2-Trichloroethane	8.390	97	66518	4.736	ug/L	99
47) Tetrachloroethene	8.544	164	71791	4.660	ug/L	97
48) 2-Hexanone	8.672	43	350001	52.994	ug/L	99
49) Dibromochloromethane	8.798	129	76084	5.167	ug/L	95
50) 1,2-Dibromoethane	8.914	107	69419	5.240	ug/L	99
51) Chlorobenzene	9.438	112	263912	5.015	ug/L	99
52) Ethylbenzene	9.560	91	392401	4.506	ug/L	100
53) m,p-Xylene	9.685	106	145740	4.373	ug/L	97
54) o-Xylene	10.090	106	145416	4.490	ug/L	99
55) Styrene	10.107	104	237161	4.599	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	63316	3.705	ug/L	94
59) Bromoform	10.280	173	28313	4.868	ug/L	100
60) Isopropylbenzene	10.476	105	305958	5.021	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	42920	5.185	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	238425	4.887	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	238990	5.032	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	140763	5.037	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	139719	4.924	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	130319	5.015	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	7200	4.982	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.209	180	94423	4.839	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	73785	4.879	ug/L	99
71) Naphthalene	14.081	128	107358	4.945	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	64085	5.049	ug/L	98

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

