

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123024\
 Data File : VU062636.D
 Acq On : 30 Dec 2024 11:03
 Operator : MD/SY
 Sample : MDL04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

Quant Time: Dec 31 00:17:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 31 00:16:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	98078	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	92198	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	46356	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	21523	3.253	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.000%
7) Chloroethane-d5	1.901	69	18291	3.887	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.800%
11) 1,1-Dichloroethene-d2	2.557	65	11114	3.531	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.600%
20) 2-Butanone-d5	4.618	46	58346	46.020	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.040%
24) Chloroform-d	5.049	84	60514	4.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	5.692	65	35480	5.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.718	84	106577	4.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.679	67	31019	4.083	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.600%
41) Toluene-d8	7.891	98	99810	3.979	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	8.177	79	15380	4.599	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.627	63	52891	52.422	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.840%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26456	4.475	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	38368	4.492	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.380	85	1164	0.127	ug/L	91
3) Chloromethane	1.515	50	961	0.133	ug/L	99
6) Bromomethane	1.846	94	849	0.170	ug/L	82
8) Chloroethane	1.917	64	723	0.172	ug/L	88
9) Trichlorofluoromethane	2.129	101	1914	0.147	ug/L	85
12) 1,1-Dichloroethene	2.573	96	1414	0.214	ug/L #	1
14) Carbon disulfide	2.782	76	2724	0.130	ug/L	100
16) Methylene chloride	3.039	84	1345	0.193	ug/L #	67
17) Methyl tert-butyl Ether	3.354	73	2783	0.169	ug/L #	92
18) trans-1,2-Dichloroethene	3.348	96	998	0.147	ug/L	86
19) 1,1-Dichloroethane	3.859	63	1967m	0.158	ug/L	
22) cis-1,2-Dichloroethene	4.657	96	1219	0.160	ug/L #	86
25) Chloroform	5.074	83	2767	0.197	ug/L	86
27) 1,2-Dichloroethane	5.792	62	1653	0.185	ug/L #	75
30) Cyclohexane	5.374	56	1132m	0.108	ug/L	
31) Carbon tetrachloride	5.505	117	1907m	0.160	ug/L	
33) Benzene	5.763	78	4623	0.162	ug/L	100
34) Trichloroethene	6.534	95	5503	0.680	ug/L	87
35) Methylcyclohexane	6.759	83	1505	0.125	ug/L	89

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38) Bromodichloromethane	7.103	83	1670	0.170	ug/L #	91
39) cis-1,3-Dichloropropene	7.608	75	1518	0.136	ug/L	96
40) 4-Methyl-2-pentanone	7.791	43	5052	1.549	ug/L #	90
42) Toluene	7.965	91	4743m	0.154	ug/L	
44) trans-1,3-Dichloropropene	8.206	75	1849	0.203	ug/L	98
45) 1,1,2-Trichloroethane	8.399	97	860	0.164	ug/L	88
49) Dibromochloromethane	8.801	129	1060	0.167	ug/L	90
51) Chlorobenzene	9.441	112	3100	0.157	ug/L	91
52) Ethylbenzene	9.566	91	4980	0.144	ug/L	97
53) m,p-Xylene	9.692	106	1919	0.150	ug/L	94
54) o-Xylene	10.097	106	1914	0.154	ug/L	87
55) Styrene	10.123	104	2591	0.127	ug/L	86
57) 1,1,2,2-Tetrachloroethane	10.775	83	1163	0.190	ug/L #	93
60) Isopropylbenzene	10.479	105	4789	0.143	ug/L #	96
61) 1,2,3-Trichloropropane	10.817	75	726	0.169	ug/L #	87
62) 1,3,5-Trimethylbenzene	11.087	105	3944	0.139	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	3923	0.141	ug/L	100
64) 1,3-Dichlorobenzene	11.749	146	2325	0.151	ug/L	93
67) 1,2-Dichlorobenzene	12.206	146	2585	0.182	ug/L #	84
68) 1,2-Dibromo-3-chloropr...	13.010	75	136	0.145	ug/L #	9
69) 1,3,5-Trichlorobenzene	13.225	180	1990	0.174	ug/L #	82
71) Naphthalene	14.116	128	2144	0.158	ug/L #	70
72) 1,2,3-Trichlorobenzene	14.331	180	1215	0.153	ug/L	92

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

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