

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123024\
 Data File : VU062637.D
 Acq On : 30 Dec 2024 11:28
 Operator : MD/SY
 Sample : MDL05
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Quant Time: Dec 31 00:18:14 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	6.239	114	97835	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	90554	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	44148	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	21162	3.207	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.200%
7) Chloroethane-d5	1.901	69	18354	3.910	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.554	65	11657	3.713	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	4.615	46	58855	46.537	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.080%
24) Chloroform-d	5.052	84	61566	4.311	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.692	65	35961	5.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.718	84	106207	4.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	6.679	67	31722	4.251	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.888	98	100071	4.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.174	79	15001	4.567	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.624	63	52555	53.034	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.060%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26093	4.494	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	37548	4.615	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.377	85	1273	0.139	ug/L	94
3) Chloromethane	1.512	50	1130	0.157	ug/L	98
6) Bromomethane	1.850	94	836	0.168	ug/L	94
9) Trichlorofluoromethane	2.126	101	2497	0.192	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	1379	0.195	ug/L #	81
12) 1,1-Dichloroethene	2.567	96	1220	0.185	ug/L #	1
14) Carbon disulfide	2.782	76	2619	0.125	ug/L	96
16) Methylene chloride	3.036	84	1329	0.192	ug/L	89
17) Methyl tert-butyl Ether	3.354	73	2875	0.175	ug/L	94
18) trans-1,2-Dichloroethene	3.351	96	1043	0.154	ug/L #	74
19) 1,1-Dichloroethane	3.866	63	1961	0.158	ug/L #	83
22) cis-1,2-Dichloroethene	4.657	96	1282	0.169	ug/L	87
25) Chloroform	5.075	83	2753	0.196	ug/L	83
27) 1,2-Dichloroethane	5.792	62	1607	0.180	ug/L #	75
30) Cyclohexane	5.380	56	1018m	0.099	ug/L	
31) Carbon tetrachloride	5.518	117	1908m	0.163	ug/L	
33) Benzene	5.772	78	4557	0.162	ug/L	100
34) Trichloroethene	6.538	95	3763	0.473	ug/L	96
35) Methylcyclohexane	6.756	83	1729	0.147	ug/L #	85

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37) 1,2-Dichloropropane	6.779	63	1165	0.170	ug/L #	87
38) Bromodichloromethane	7.107	83	1697m	0.176	ug/L	
39) cis-1,3-Dichloropropene	7.602	75	1825m	0.167	ug/L	
40) 4-Methyl-2-pentanone	7.792	43	5066	1.582	ug/L #	87
42) Toluene	7.965	91	5033	0.166	ug/L	98
44) trans-1,3-Dichloropropene	8.210	75	1673	0.187	ug/L	90
45) 1,1,2-Trichloroethane	8.396	97	787	0.153	ug/L	90
49) Dibromochloromethane	8.801	129	1271	0.204	ug/L	95
50) 1,2-Dibromoethane	8.923	107	899	0.181	ug/L #	82
51) Chlorobenzene	9.441	112	3264	0.168	ug/L	89
52) Ethylbenzene	9.566	91	5374	0.158	ug/L	99
53) m,p-Xylene	9.692	106	1756	0.140	ug/L	73
54) o-Xylene	10.097	106	1833	0.150	ug/L	86
55) Styrene	10.119	104	2798	0.139	ug/L #	74
57) 1,1,2,2-Tetrachloroethane	10.775	83	1117	0.186	ug/L #	85
59) Bromoform	10.287	173	740	0.213	ug/L #	62
60) Isopropylbenzene	10.480	105	4738	0.149	ug/L	97
61) 1,2,3-Trichloropropane	10.814	75	592	0.145	ug/L #	84
62) 1,3,5-Trimethylbenzene	11.087	105	4032	0.149	ug/L	96
63) 1,2,4-Trimethylbenzene	11.463	105	3716	0.141	ug/L	94
64) 1,3-Dichlorobenzene	11.743	146	2337	0.160	ug/L #	91
65) 1,4-Dichlorobenzene	11.830	146	2823	0.191	ug/L	90
67) 1,2-Dichlorobenzene	12.206	146	2416	0.178	ug/L	94
69) 1,3,5-Trichlorobenzene	13.225	180	1872	0.172	ug/L #	87
71) Naphthalene	14.106	128	2164m	0.168	ug/L	
72) 1,2,3-Trichlorobenzene	14.335	180	1249	0.165	ug/L #	94

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

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