

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123124\
 Data File : VU062644.D
 Acq On : 31 Dec 2024 13:56
 Operator : MD/SY
 Sample : MDL07
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

Quant Time: Jan 01 00:18:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 01 00:16:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	93870	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	90228	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	44658	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20354	3.215	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.200%
7) Chloroethane-d5	1.901	69	17349	3.852	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.557	65	10781	3.579	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	4.615	46	55518	45.752	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.500%
24) Chloroform-d	5.049	84	58577	4.275	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.692	65	33329	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.718	84	100179	3.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
36) 1,2-Dichloropropane-d6	6.679	67	30041	4.040	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.800%
41) Toluene-d8	7.891	98	95691	3.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	8.174	79	13452	4.110	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.624	63	50853	51.502	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.000%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	25572	4.420	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	37407	4.546	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	1272	0.145	ug/L #	82
3) Chloromethane	1.515	50	930	0.135	ug/L	89
5) Vinyl chloride	1.596	62	1260	0.176	ug/L #	40
6) Bromomethane	1.843	94	770	0.161	ug/L	98
9) Trichlorofluoromethane	2.129	101	2343	0.188	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	1357	0.200	ug/L #	89
14) Carbon disulfide	2.785	76	2549	0.127	ug/L #	84
16) Methylene chloride	3.030	84	1454	0.219	ug/L	87
17) Methyl tert-butyl Ether	3.354	73	3055	0.193	ug/L #	89
18) trans-1,2-Dichloroethene	3.348	96	963	0.148	ug/L #	67
22) cis-1,2-Dichloroethene	4.660	96	1096	0.150	ug/L	94
23) Bromochloromethane	4.981	128	474m	0.148	ug/L	
25) Chloroform	5.078	83	2854	0.212	ug/L	87
27) 1,2-Dichloroethane	5.792	62	1534	0.180	ug/L #	75
30) Cyclohexane	5.380	56	1526	0.148	ug/L	96
31) Carbon tetrachloride	5.512	117	2010	0.173	ug/L	93
33) Benzene	5.772	78	4604	0.165	ug/L	100
35) Methylcyclohexane	6.759	83	1768	0.151	ug/L #	76
37) 1,2-Dichloropropane	6.785	63	1159	0.170	ug/L #	87

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38) Bromodichloromethane	7.100	83	1738	0.181	ug/L #	94
39) cis-1,3-Dichloropropene	7.608	75	1762	0.161	ug/L	92
40) 4-Methyl-2-pentanone	7.788	43	5272	1.652	ug/L #	89
42) Toluene	7.968	91	4411	0.146	ug/L	86
44) trans-1,3-Dichloropropene	8.206	75	1584	0.178	ug/L	86
45) 1,1,2-Trichloroethane	8.390	97	829m	0.161	ug/L	
49) Dibromochloromethane	8.801	129	1074	0.173	ug/L	83
50) 1,2-Dibromoethane	8.923	107	678	0.137	ug/L #	93
51) Chlorobenzene	9.441	112	3411	0.177	ug/L	95
52) Ethylbenzene	9.566	91	5531	0.164	ug/L	93
53) m,p-Xylene	9.695	106	1730	0.139	ug/L	94
54) o-Xylene	10.097	106	1667	0.137	ug/L	88
55) Styrene	10.113	104	2652	0.133	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	1112	0.186	ug/L #	69
60) Isopropylbenzene	10.479	105	4756	0.147	ug/L	97
61) 1,2,3-Trichloropropane	10.814	75	691	0.167	ug/L	92
62) 1,3,5-Trimethylbenzene	11.084	105	3957	0.145	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	4021	0.150	ug/L	97
64) 1,3-Dichlorobenzene	11.743	146	2581	0.174	ug/L	91
65) 1,4-Dichlorobenzene	11.830	146	2763	0.185	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	2381	0.174	ug/L #	90
68) 1,2-Dibromo-3-chloropr...	12.994	75	152m	0.169	ug/L	
69) 1,3,5-Trichlorobenzene	13.222	180	1946	0.177	ug/L #	95
71) Naphthalene	14.106	128	2013m	0.154	ug/L	
72) 1,2,3-Trichlorobenzene	14.338	180	1293m	0.169	ug/L	

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

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