

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123124\
 Data File : VU062643.D
 Acq On : 31 Dec 2024 13:32
 Operator : MD/SY
 Sample : MDL06
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Quant Time: Jan 01 00:25:38 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	6.242	114	98942	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	92672	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	45572	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20580	3.084	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.600%
7) Chloroethane-d5	1.901	69	17826	3.755	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.557	65	11398	3.590	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	4.615	46	57738	45.143	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.280%
24) Chloroform-d	5.052	84	59251	4.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	5.692	65	35082	4.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.718	84	104478	3.914	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	6.682	67	30045	3.934	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.600%
41) Toluene-d8	7.891	98	97887	3.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.177	79	15155	4.508	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.628	63	50457	49.754	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.500%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	26001	4.375	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	38208	4.550	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.377	85	1216	0.131	ug/L	98
3) Chloromethane	1.515	50	1140	0.157	ug/L	89
5) Vinyl chloride	1.599	62	1388	0.184	ug/L	95
6) Bromomethane	1.843	94	848	0.168	ug/L	97
9) Trichlorofluoromethane	2.129	101	2536	0.193	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	1385	0.194	ug/L #	87
12) 1,1-Dichloroethene	2.563	96	1400	0.210	ug/L #	1
14) Carbon disulfide	2.785	76	2652	0.126	ug/L	96
16) Methylene chloride	3.036	84	1291	0.184	ug/L	87
17) Methyl tert-butyl Ether	3.361	73	3077	0.185	ug/L #	84
18) trans-1,2-Dichloroethene	3.358	96	1042	0.152	ug/L	83
19) 1,1-Dichloroethane	3.859	63	2001	0.159	ug/L	92
22) cis-1,2-Dichloroethene	4.657	96	1292	0.168	ug/L	82
23) Bromochloromethane	4.975	128	538	0.160	ug/L #	61
25) Chloroform	5.071	83	3057	0.216	ug/L	86
27) 1,2-Dichloroethane	5.804	62	1609	0.179	ug/L #	75
30) Cyclohexane	5.377	56	1422	0.135	ug/L #	87
31) Carbon tetrachloride	5.512	117	1994	0.167	ug/L	98
33) Benzene	5.766	78	4711m	0.164	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	6.538	95	3826	0.470	ug/L	91
35) Methylcyclohexane	6.753	83	1611	0.134	ug/L	90
37) 1,2-Dichloropropane	6.785	63	1020	0.146	ug/L #	87
38) Bromodichloromethane	7.097	83	1746	0.177	ug/L #	91
39) cis-1,3-Dichloropropene	7.611	75	1952	0.174	ug/L	93
40) 4-Methyl-2-pentanone	7.788	43	5292	1.615	ug/L #	86
42) Toluene	7.968	91	5040	0.163	ug/L	94
44) trans-1,3-Dichloropropene	8.206	75	1764	0.193	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	901	0.171	ug/L	89
49) Dibromochloromethane	8.804	129	1282	0.201	ug/L	87
50) 1,2-Dibromoethane	8.923	107	892	0.176	ug/L #	71
51) Chlorobenzene	9.441	112	3404	0.172	ug/L	92
52) Ethylbenzene	9.566	91	5381	0.155	ug/L	88
53) m,p-Xylene	9.698	106	2052	0.160	ug/L	92
54) o-Xylene	10.094	106	1937	0.155	ug/L	98
55) Styrene	10.119	104	2719	0.132	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	1125	0.183	ug/L #	82
59) Bromoform	10.287	173	599	0.167	ug/L #	79
60) Isopropylbenzene	10.480	105	5551	0.169	ug/L #	95
61) 1,2,3-Trichloropropane	10.817	75	685	0.163	ug/L	97
62) 1,3,5-Trimethylbenzene	11.090	105	4443	0.159	ug/L	100
63) 1,2,4-Trimethylbenzene	11.470	105	4153	0.152	ug/L	94
64) 1,3-Dichlorobenzene	11.746	146	2780	0.184	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	3074	0.202	ug/L	88
67) 1,2-Dichlorobenzene	12.206	146	3004	0.215	ug/L	95
69) 1,3,5-Trichlorobenzene	13.222	180	1834	0.163	ug/L #	84
71) Naphthalene	14.122	128	2401m	0.180	ug/L	
72) 1,2,3-Trichlorobenzene	14.335	180	1191	0.152	ug/L	88

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

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