

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
 Data File : VU062177.D
 Acq On : 09 Dec 2024 23:06
 Operator : MD/SY
 Sample : P5107-21MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHJ99MS

Quant Time: Dec 10 00:37:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 10 00:32:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	106335	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	101227	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	52860	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	34435	4.801	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.907	69	29931	5.867	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.400%
11) 1,1-Dichloroethene-d2	2.557	65	17176	5.034	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.600%
20) 2-Butanone-d5	4.621	46	152416	110.882	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	221.760%#
24) Chloroform-d	5.052	84	117697	7.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	151.600%#
26) 1,2-Dichloroethane-d4	5.692	65	65401	8.568	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	171.400%#
32) Benzene-d6	5.718	84	189677	6.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	130.200%#
36) 1,2-Dichloropropane-d6	6.679	67	63315	7.590	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	151.800%#
41) Toluene-d8	7.888	98	167613	6.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.800%
43) trans-1,3-Dichloroprop...	8.174	79	27300	7.435	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	148.600%#
46) 2-Hexanone-d5	8.624	63	109580	98.921	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	197.840%#
56) 1,1,2,2-Tetrachloroeth...	10.746	84	62520	9.632	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	192.600%#
66) 1,2-Dichlorobenzene-d4	12.184	152	77555	7.962	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	159.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	44620	4.480	ug/L	98
3) Chloromethane	1.515	50	31668	4.056	ug/L	98
5) Vinyl chloride	1.599	62	34156	4.202	ug/L	98
6) Bromomethane	1.853	94	22104	4.079	ug/L	98
8) Chloroethane	1.927	64	19318	4.243	ug/L	99
9) Trichlorofluoromethane	2.133	101	63551	4.504	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	33271	4.332	ug/L	91
12) 1,1-Dichloroethene	2.573	96	30719	4.279	ug/L	87
13) Acetone	2.641	43	51517	55.045	ug/L	94
14) Carbon disulfide	2.785	76	82785	3.646	ug/L	100
15) Methyl Acetate	2.956	43	6971	2.972	ug/L #	88
16) Methylene chloride	3.036	84	34922	4.634	ug/L	90
17) Methyl tert-butyl Ether	3.354	73	86394	4.830	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	32740	4.438	ug/L	88
19) 1,1-Dichloroethane	3.859	63	62549	4.626	ug/L	97
21) 2-Butanone	4.702	43	75144	55.286	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	58722	7.102	ug/L	95
23) Bromochloromethane	4.965	128	17288	4.770	ug/L #	83
25) Chloroform	5.078	83	71797	4.714	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	44598	4.608	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	69927	4.910	ug/L	95
30) Cyclohexane	5.377	56	48884	4.233	ug/L	93
31) Carbon tetrachloride	5.515	117	58963	4.516	ug/L	99
33) Benzene	5.766	78	138197	4.405	ug/L	100
34) Trichloroethene	6.534	95	39209	4.412	ug/L	97
35) Methylcyclohexane	6.753	83	52702	4.000	ug/L	98
37) 1,2-Dichloropropane	6.782	63	33780	4.422	ug/L	100
38) Bromodichloromethane	7.097	83	50145	4.652	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	53843	4.397	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	183270	51.188	ug/L #	92
42) Toluene	7.962	91	153556	4.540	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	45275	4.528	ug/L	96
45) 1,1,2-Trichloroethane	8.390	97	28494	4.941	ug/L	98
47) Tetrachloroethene	8.544	164	29211	4.258	ug/L	97
48) 2-Hexanone	8.676	43	142568	53.881	ug/L #	93
49) Dibromochloromethane	8.801	129	34179	4.905	ug/L	95
50) 1,2-Dibromoethane	8.914	107	26640	4.807	ug/L #	97
51) Chlorobenzene	9.438	112	98062	4.524	ug/L	97
52) Ethylbenzene	9.563	91	167070	4.405	ug/L	100
53) m,p-Xylene	9.685	106	62648	4.474	ug/L	99
54) o-Xylene	10.090	106	60849	4.468	ug/L	97
55) Styrene	10.107	104	92941	4.140	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	34010	5.067	ug/L	98
59) Bromoform	10.283	173	20923	5.037	ug/L	99
60) Isopropylbenzene	10.476	105	170275	4.459	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	23785	4.866	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	138637	4.290	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	133791	4.226	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	76455	4.359	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	76209	4.315	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	73665	4.544	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	5816	5.455	ug/L	92
69) 1,3,5-Trichlorobenzene	13.213	180	53723	4.120	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	43167	4.193	ug/L	98
71) Naphthalene	14.081	128	62389	4.036	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	39034	4.300	ug/L	100

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

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