

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U070324\
 Data File : U059837.D
 Acq On : 04 Jul 2024 09:21
 Operator : MD/SY
 Sample : P3138-03MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZF8MS

Quant Time: Jul 05 01:05:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 04 04:26:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	173741	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	176236	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	93219	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	51232	4.241	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.800%	
7) Chloroethane-d5	1.907	69	43744	3.763	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	75.200%	
11) 1,1-Dichloroethene-d2	2.560	65	19986	3.988	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	79.800%	
20) 2-Butanone-d5	4.628	46	104756	42.095	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	84.200%	
24) Chloroform-d	5.055	84	106022	4.276	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.600%	
26) 1,2-Dichloroethane-d4	5.695	65	46170	3.865	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.400%	
32) Benzene-d6	5.721	84	195797	4.037	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.800%	
36) 1,2-Dichloropropane-d6	6.685	67	58993	3.969	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	79.400%	
41) Toluene-d8	7.891	98	182560	4.049	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.000%	
43) trans-1,3-Dichloroprop...	8.174	79	19941	4.285	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.600%	
46) 2-Hexanone-d5	8.627	63	88786	45.915	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.820%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	51888	4.225	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	68131	4.106	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	82.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	59078	4.013	ug/L	98
3) Chloromethane	1.515	50	72502	4.576	ug/L	100
5) Vinyl chloride	1.599	62	80365	4.592	ug/L	99
6) Bromomethane	1.853	94	41784	3.433	ug/L	91
8) Chloroethane	1.930	64	50909	4.827	ug/L	98
9) Trichlorofluoromethane	2.132	101	97554	4.630	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	58429	4.381	ug/L	92
12) 1,1-Dichloroethene	2.573	96	57807	4.691	ug/L	84
13) Acetone	2.640	43	74037	45.864	ug/L	90
14) Carbon disulfide	2.788	76	177961	4.329	ug/L	100
15) Methyl Acetate	2.952	43	16359	3.840	ug/L #	83
16) Methylene chloride	3.036	84	69490	4.759	ug/L	89
17) Methyl tert-butyl Ether	3.357	73	131014	4.934	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	60325	4.707	ug/L	91
19) 1,1-Dichloroethane	3.859	63	112779	4.772	ug/L	98
21) 2-Butanone	4.708	43	124972	48.266	ug/L	87
22) cis-1,2-Dichloroethene	4.660	96	68549	4.853	ug/L	96
23) Bromochloromethane	4.965	128	32813	5.096	ug/L	84
25) Chloroform	5.078	83	292255	11.742	ug/L	98

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27) 1,2-Dichloroethane	5.788	62	71055	4.711	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	95081	4.672	ug/L	98
30) Cyclohexane	5.383	56	80028	4.454	ug/L	93
31) Carbon tetrachloride	5.518	117	80944	4.750	ug/L	99
33) Benzene	5.766	78	263792	4.929	ug/L	100
34) Trichloroethene	6.537	95	68066	4.696	ug/L	96
35) Methylcyclohexane	6.756	83	83209	4.035	ug/L	95
37) 1,2-Dichloropropane	6.782	63	68396	4.938	ug/L #	96
38) Bromodichloromethane	7.100	83	84090	4.864	ug/L	94
39) cis-1,3-Dichloropropene	7.602	75	85348	4.506	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	326249	50.837	ug/L #	94
42) Toluene	7.965	91	283071	4.996	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	68176	4.485	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	51781	5.074	ug/L	98
47) Tetrachloroethene	8.547	164	54684	4.862	ug/L	91
48) 2-Hexanone	8.679	43	234494	51.198	ug/L #	92
49) Dibromochloromethane	8.804	129	57519	5.088	ug/L	98
50) 1,2-Dibromoethane	8.920	107	47966	5.089	ug/L	98
51) Chlorobenzene	9.441	112	177755	4.946	ug/L	96
52) Ethylbenzene	9.566	91	283431	4.876	ug/L	96
53) m,p-Xylene	9.688	106	109143	4.889	ug/L	97
54) o-Xylene	10.097	106	106750	5.039	ug/L	93
55) Styrene	10.110	104	184801	5.124	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	62557	5.053	ug/L	98
59) Bromoform	10.283	173	34171	4.790	ug/L #	98
60) Isopropylbenzene	10.479	105	275044	4.776	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	42018	4.878	ug/L	94
62) 1,3,5-Trimethylbenzene	11.084	105	210836	4.622	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	212045	4.862	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	142235	4.856	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	141633	4.698	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	134843	4.892	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	8714	5.186	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	101007	4.659	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	80476	4.839	ug/L	98
71) Naphthalene	14.081	128	112514	4.727	ug/L	97
72) 1,2,3-Trichlorobenzene	14.325	180	75688	4.901	ug/L	99

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

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