

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059838.D
 Acq On : 04 Jul 2024 09:45
 Operator : MD/SY
 Sample : P3138-04MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZF8MSD

Quant Time: Jul 05 01:06:24 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	6.242	114	169519	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	171084	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	89015	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	50894	4.318	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.911	69	44002	3.880	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.560	65	18389	3.760	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	4.631	46	107597	44.314	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.620%
24) Chloroform-d	5.055	84	106535	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.695	65	45804	3.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
32) Benzene-d6	5.721	84	195407	4.150	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.682	67	58377	4.046	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.000%
41) Toluene-d8	7.891	98	181928	4.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.174	79	19951	4.416	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.627	63	93243	49.672	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.340%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	52782	4.428	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	66719	4.211	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	58917	4.102	ug/L	99
3) Chloromethane	1.515	50	71485	4.624	ug/L	98
5) Vinyl chloride	1.602	62	80806	4.732	ug/L	99
6) Bromomethane	1.853	94	46581	3.923	ug/L	96
8) Chloroethane	1.930	64	50109	4.870	ug/L	99
9) Trichlorofluoromethane	2.132	101	95073	4.625	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	58488	4.494	ug/L	96
12) 1,1-Dichloroethene	2.573	96	57619	4.792	ug/L	84
13) Acetone	2.644	43	74691	47.421	ug/L	93
14) Carbon disulfide	2.788	76	174866	4.359	ug/L	100
15) Methyl Acetate	2.952	43	14358	3.454	ug/L #	86
16) Methylene chloride	3.039	84	69092	4.850	ug/L	89
17) Methyl tert-butyl Ether	3.357	73	131257	5.066	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	60094	4.806	ug/L	90
19) 1,1-Dichloroethane	3.859	63	111656	4.843	ug/L	95
21) 2-Butanone	4.708	43	123590	48.921	ug/L	89
22) cis-1,2-Dichloroethene	4.660	96	68874	4.997	ug/L	93
23) Bromochloromethane	4.968	128	31771	5.057	ug/L	86
25) Chloroform	5.078	83	291536	12.005	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	69192	4.702	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	92807	4.698	ug/L	99
30) Cyclohexane	5.380	56	81350	4.664	ug/L	95
31) Carbon tetrachloride	5.518	117	77913	4.710	ug/L	97
33) Benzene	5.766	78	261983	5.043	ug/L	100
34) Trichloroethene	6.537	95	65903	4.684	ug/L	96
35) Methylcyclohexane	6.756	83	87868	4.389	ug/L	94
37) 1,2-Dichloropropane	6.782	63	67207	4.999	ug/L #	97
38) Bromodichloromethane	7.097	83	83258	4.961	ug/L	93
39) cis-1,3-Dichloropropene	7.602	75	81838	4.451	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	329032	52.814	ug/L #	94
42) Toluene	7.962	91	279517	5.082	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	67250	4.557	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	51114	5.159	ug/L	98
47) Tetrachloroethene	8.547	164	53229	4.875	ug/L	95
48) 2-Hexanone	8.679	43	237200	53.348	ug/L #	92
49) Dibromochloromethane	8.801	129	55857	5.089	ug/L	98
50) 1,2-Dibromoethane	8.917	107	48065	5.253	ug/L	94
51) Chlorobenzene	9.441	112	174101	4.991	ug/L	97
52) Ethylbenzene	9.563	91	276770	4.905	ug/L	97
53) m,p-Xylene	9.688	106	108395	5.002	ug/L	96
54) o-Xylene	10.094	106	105570	5.133	ug/L	95
55) Styrene	10.110	104	179277	5.121	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.775	83	64342	5.353	ug/L	97
59) Bromoform	10.283	173	33257	4.882	ug/L #	97
60) Isopropylbenzene	10.476	105	271369	4.935	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	43354	5.270	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	208534	4.787	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	206397	4.956	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	140818	5.035	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	142580	4.953	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	133066	5.056	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	8777	5.470	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	101499	4.903	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	83060	5.230	ug/L	96
71) Naphthalene	14.081	128	132382	5.824	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	77876	5.281	ug/L	98

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

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