

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040224\
 Data File : VU058346.D
 Acq On : 02 Apr 2024 18:54
 Operator : MD/SY
 Sample : P1912-11MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCOE1MS

Quant Time: Apr 03 02:05:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 01:56:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	76225	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	71740	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	36091	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20354	3.160	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.907	69	20446	3.889	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.800%
11) 1,1-Dichloroethene-d2	2.560	65	9034	3.378	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	4.621	46	55568	48.558	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.120%
24) Chloroform-d	5.052	84	47081	4.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
26) 1,2-Dichloroethane-d4	5.695	65	22748	4.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
32) Benzene-d6	5.718	84	91826	3.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.682	67	29230	4.256	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.891	98	81908	3.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	8.174	79	9124	4.146	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.627	63	42187	47.341	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.680%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20357	4.550	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	27929	4.156	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	10747	3.423	ug/L	98
3) Chloromethane	1.515	50	13156	3.287	ug/L	99
5) Vinyl chloride	1.599	62	16504	3.777	ug/L	100
6) Bromomethane	1.853	94	6212	2.650	ug/L	95
8) Chloroethane	1.927	64	13195	4.579	ug/L	100
9) Trichlorofluoromethane	2.132	101	29025	4.087	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	18957	4.159	ug/L	98
12) 1,1-Dichloroethene	2.573	96	15265	3.995	ug/L	95
13) Acetone	2.634	43	31325	42.295	ug/L	98
14) Carbon disulfide	2.785	76	27708	3.245	ug/L	99
15) Methyl Acetate	2.949	43	7377	4.798	ug/L	92
16) Methylene chloride	3.036	84	20202	3.731	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	45110	4.399	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	16134	4.040	ug/L	97
19) 1,1-Dichloroethane	3.859	63	40536	4.518	ug/L	98
21) 2-Butanone	4.701	43	48536	43.135	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	22589	4.577	ug/L	97
23) Bromochloromethane	4.968	128	8293	4.503	ug/L	97
25) Chloroform	5.078	83	42239	4.489	ug/L	94

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27) 1,2-Dichloroethane	5.788	62	24698	4.623	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	32500	4.382	ug/L	98
30) Cyclohexane	5.380	56	23820	3.677	ug/L	99
31) Carbon tetrachloride	5.515	117	26465	4.191	ug/L	96
33) Benzene	5.766	78	82476	4.377	ug/L	100
34) Trichloroethene	6.534	95	21078	4.294	ug/L	96
35) Methylcyclohexane	6.756	83	25739	3.760	ug/L	99
37) 1,2-Dichloropropane	6.782	63	24040	4.567	ug/L	100
38) Bromodichloromethane	7.097	83	28314	4.693	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	30174	4.520	ug/L	95
40) 4-Methyl-2-pentanone	7.782	43	127817	48.024	ug/L	98
42) Toluene	7.962	91	87298	4.385	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	24201	4.607	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	15328	4.623	ug/L	97
47) Tetrachloroethene	8.547	164	19667	5.981	ug/L	98
48) 2-Hexanone	8.676	43	90420	46.651	ug/L	96
49) Dibromochloromethane	8.804	129	16920	4.664	ug/L	99
50) 1,2-Dibromoethane	8.917	107	12547	4.396	ug/L #	98
51) Chlorobenzene	9.441	112	57805	4.506	ug/L	99
52) Ethylbenzene	9.563	91	96526	4.342	ug/L	98
53) m,p-Xylene	9.688	106	34868	4.402	ug/L	95
54) o-Xylene	10.094	106	35268	4.411	ug/L	100
55) Styrene	10.110	104	57288	4.538	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	19051	4.875	ug/L	100
59) Bromoform	10.283	173	8522	4.496	ug/L	94
60) Isopropylbenzene	10.476	105	92396	4.261	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	13341	4.414	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	75555	4.152	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	75490	4.177	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	44755	4.432	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	43019	4.408	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	41188	4.411	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	2358	5.174	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	32325	4.578	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	24686	4.687	ug/L	97
71) Naphthalene	14.081	128	31057	4.330	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	20161	4.675	ug/L	97

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

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