

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121923\
 Data File : VU057053.D
 Acq On : 19 Dec 2023 18:47
 Operator : MD/SY
 Sample : 05771-09MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0YA5MS

Quant Time: Dec 20 05:00:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 04:54:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	206659	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	202934	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	106757	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	68883	3.889	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.907	69	52858	3.988	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.560	65	30987	4.089	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	4.618	46	132580	37.899	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.800%
24) Chloroform-d	5.055	84	146707	4.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.695	65	70326	4.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.721	84	264037	4.195	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.685	67	79813	4.051	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.000%
41) Toluene-d8	7.891	98	242723	4.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.174	79	32464	4.249	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.627	63	119384	41.430	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.860%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	61485	4.313	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	84525	4.028	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	96618	4.462	ug/L	95
3) Chloromethane	1.515	50	105345	4.947	ug/L	99
5) Vinyl chloride	1.602	62	102970	4.870	ug/L	100
6) Bromomethane	1.853	94	50868	4.080	ug/L	96
8) Chloroethane	1.927	64	60520	4.886	ug/L	99
9) Trichlorofluoromethane	2.132	101	157079	5.271	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	84833	4.641	ug/L	99
12) 1,1-Dichloroethene	2.576	96	72443	4.318	ug/L	89
13) Acetone	2.624	43	98058	45.996	ug/L	94
14) Carbon disulfide	2.788	76	224959	3.864	ug/L	100
15) Methyl Acetate	2.946	43	23668	4.078	ug/L	100
16) Methylene chloride	3.039	84	81988	4.485	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	169612	4.559	ug/L	94
18) trans-1,2-Dichloroethene	3.348	96	74663	4.389	ug/L	99
19) 1,1-Dichloroethane	3.859	63	152664	4.665	ug/L	99
21) 2-Butanone	4.698	43	148849	41.402	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	89087	4.814	ug/L	96
23) Bromochloromethane	4.968	128	34720	4.481	ug/L	97
25) Chloroform	5.081	83	178836	5.217	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	97071	4.788	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	149395	5.093	ug/L	99
30) Cyclohexane	5.383	56	118545	4.306	ug/L	96
31) Carbon tetrachloride	5.518	117	128025	5.021	ug/L	99
33) Benzene	5.766	78	352496	4.942	ug/L	100
34) Trichloroethene	6.534	95	114841	5.870	ug/L	97
35) Methylcyclohexane	6.756	83	127842	4.428	ug/L	100
37) 1,2-Dichloropropane	6.782	63	83911	4.599	ug/L	100
38) Bromodichloromethane	7.100	83	117883	5.067	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	119919	4.510	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	385222	44.468	ug/L	97
42) Toluene	7.962	91	442441	5.996	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	104801	4.809	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	58521	4.745	ug/L	97
47) Tetrachloroethene	8.547	164	64067	4.679	ug/L	99
48) 2-Hexanone	8.679	43	275899	44.716	ug/L	97
49) Dibromochloromethane	8.804	129	71421	5.038	ug/L	100
50) 1,2-Dibromoethane	8.917	107	54813	4.788	ug/L	99
51) Chlorobenzene	9.441	112	220734	4.693	ug/L	97
52) Ethylbenzene	9.563	91	402626	4.946	ug/L	99
53) m,p-Xylene	9.688	106	155375	5.123	ug/L	95
54) o-Xylene	10.094	106	142191	4.921	ug/L	97
55) Styrene	10.110	104	239351	5.045	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	71652	4.809	ug/L #	98
59) Bromoform	10.283	173	40675	4.666	ug/L	98
60) Isopropylbenzene	10.479	105	382414	4.534	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	49528	4.321	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	310437	4.503	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	318425	4.651	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	176493	4.423	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	170866	4.349	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	158443	4.359	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	10776	4.709	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	125147	4.151	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	92064	3.856	ug/L	97
71) Naphthalene	14.081	128	115238	3.298	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	75457	3.723	ug/L	98

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

