

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056245.D
 Acq On : 12 Nov 2023 03:22
 Operator : MD/SY
 Sample : 05371-17MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDP3MS

Quant Time: Nov 12 03:36:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 22:15:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	385211	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	372133	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	192768	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	84450	3.532	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.600%
7) Chloroethane-d5	1.911	69	72300	4.456	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.563	65	39927	3.790	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	4.621	46	266321	67.894	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.780%#
24) Chloroform-d	5.055	84	226243	4.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.695	65	104801	5.229	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.721	84	426495	4.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.685	67	130841	4.973	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.894	98	377645	4.611	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.177	79	49133	4.886	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.627	63	246010	74.635	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	149.260%#
56) 1,1,2,2-Tetrachloroeth...	10.749	84	111923	5.960	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	145703	4.901	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	153857	4.710	ug/L	99
3) Chloromethane	1.518	50	148760	4.861	ug/L	96
5) Vinyl chloride	1.602	62	148899	4.703	ug/L	97
6) Bromomethane	1.853	94	72565	3.991	ug/L	99
8) Chloroethane	1.930	64	85561	4.984	ug/L	98
9) Trichlorofluoromethane	2.136	101	218083	5.208	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	137227	5.144	ug/L	98
12) 1,1-Dichloroethene	2.576	96	124576	5.032	ug/L	95
13) Acetone	2.628	43	175612	60.705	ug/L	98
14) Carbon disulfide	2.788	76	387851	4.597	ug/L	99
15) Methyl Acetate	2.949	43	31390	3.846	ug/L	98
16) Methylene chloride	3.042	84	132096	4.653	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	273113	4.896	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	127948	4.877	ug/L	98
19) 1,1-Dichloroethane	3.862	63	235389	4.919	ug/L	97
21) 2-Butanone	4.698	43	254480	53.341	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	141774	5.006	ug/L	99
23) Bromochloromethane	4.971	128	61817	4.919	ug/L	94
25) Chloroform	5.081	83	249679	4.896	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	134396	4.656	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	213600	5.010	ug/L	100
30) Cyclohexane	5.383	56	197988	4.971	ug/L	99
31) Carbon tetrachloride	5.518	117	189324	5.001	ug/L	98
33) Benzene	5.769	78	547508	5.138	ug/L	100
34) Trichloroethene	6.537	95	144713	4.972	ug/L	97
35) Methylcyclohexane	6.759	83	211591	4.891	ug/L	99
37) 1,2-Dichloropropane	6.785	63	137046	4.946	ug/L	100
38) Bromodichloromethane	7.100	83	170493	4.927	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	193518	4.948	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	626444	51.685	ug/L	99
42) Toluene	7.965	91	587248	5.228	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	154669	4.885	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	97303	5.137	ug/L	98
47) Tetrachloroethene	8.550	164	112627	5.156	ug/L	96
48) 2-Hexanone	8.679	43	461267	52.270	ug/L	98
49) Dibromochloromethane	8.804	129	107081	4.926	ug/L	99
50) 1,2-Dibromoethane	8.920	107	89418	5.052	ug/L	99
51) Chlorobenzene	9.441	112	366407	5.056	ug/L	99
52) Ethylbenzene	9.566	91	635353	5.190	ug/L	100
53) m,p-Xylene	9.688	106	244012	5.241	ug/L	98
54) o-Xylene	10.097	106	233425	5.230	ug/L	97
55) Styrene	10.110	104	393148	5.385	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	115792	5.202	ug/L	97
59) Bromoform	10.286	173	64201	4.795	ug/L	99
60) Isopropylbenzene	10.479	105	627064	5.017	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	79832	4.798	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	505849	4.991	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	504667	5.076	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	299500	5.060	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	292675	5.000	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	270060	4.951	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	16044	4.571	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	223356	5.038	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	174400	4.958	ug/L	99
71) Naphthalene	14.080	128	247971	4.753	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	147971	4.798	ug/L	99

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

