

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056750.D
 Acq On : 11 Dec 2023 22:32
 Operator : MD/SY
 Sample : 05627-06MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCLC1MS

Quant Time: Dec 12 01:14:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 01:07:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	254601	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	246648	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	121745	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	93925	4.304	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.907	69	62330	3.817	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.400%
11) 1,1-Dichloroethene-d2	2.563	65	40677	4.356	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.621	46	190672	44.241	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.480%
24) Chloroform-d	5.055	84	184035	4.453	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.695	65	85100	4.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	5.721	84	343594	4.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.685	67	104529	4.365	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.894	98	311574	4.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.177	79	34242	3.687	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.627	63	155976	44.535	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.080%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	79054	4.563	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	102639	4.289	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	64880	2.432	ug/L	99
3) Chloromethane	1.515	50	73602	2.806	ug/L	100
5) Vinyl chloride	1.602	62	74310	2.853	ug/L	91
6) Bromomethane	1.853	94	40138	2.613	ug/L	94
8) Chloroethane	1.930	64	47011	3.081	ug/L	99
9) Trichlorofluoromethane	2.136	101	132268	3.603	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	82223	3.651	ug/L	99
12) 1,1-Dichloroethene	2.576	96	70110	3.392	ug/L	96
13) Acetone	2.631	43	150177	57.178	ug/L	98
14) Carbon disulfide	2.788	76	142365	1.985	ug/L	99
15) Methyl Acetate	2.952	43	15258	2.134	ug/L	98
16) Methylene chloride	3.039	84	86792	3.854	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	220259	4.806	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	71850	3.428	ug/L	97
19) 1,1-Dichloroethane	3.862	63	169809	4.212	ug/L	98
21) 2-Butanone	4.698	43	208466	47.066	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	90549	3.971	ug/L	99
23) Bromochloromethane	4.972	128	38191	4.001	ug/L	98
25) Chloroform	5.081	83	326630	7.734	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	102030	4.085	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	148675	4.170	ug/L	99
30) Cyclohexane	5.383	56	101173	3.024	ug/L	98
31) Carbon tetrachloride	5.518	117	123898	3.998	ug/L	100
33) Benzene	5.769	78	350655	4.045	ug/L	100
34) Trichloroethene	6.537	95	100770	4.238	ug/L	95
35) Methylcyclohexane	6.759	83	97386	2.775	ug/L	99
37) 1,2-Dichloropropane	6.785	63	99926	4.506	ug/L	99
38) Bromodichloromethane	7.100	83	166282	5.880	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	114403	3.540	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	525714	49.930	ug/L	99
42) Toluene	7.965	91	373484	4.164	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	98518	3.719	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	68900	4.596	ug/L	95
47) Tetrachloroethene	8.547	164	59576	3.580	ug/L	98
48) 2-Hexanone	8.679	43	374464	49.935	ug/L	98
49) Dibromochloromethane	8.804	129	86021	4.992	ug/L	99
50) 1,2-Dibromoethane	8.920	107	62991	4.528	ug/L	96
51) Chlorobenzene	9.441	112	246647	4.315	ug/L	99
52) Ethylbenzene	9.566	91	409818	4.142	ug/L	99
53) m,p-Xylene	9.688	106	151680	4.115	ug/L	96
54) o-Xylene	10.097	106	152118	4.332	ug/L	99
55) Styrene	10.110	104	258893	4.490	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	88149	4.867	ug/L	97
59) Bromoform	10.287	173	44001	4.426	ug/L	97
60) Isopropylbenzene	10.479	105	409058	4.253	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	62275	4.764	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	322912	4.108	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	331756	4.249	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	192942	4.240	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	187312	4.181	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	180063	4.344	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	12316	4.719	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	135779	3.949	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	106057	3.895	ug/L	99
71) Naphthalene	14.084	128	151348	3.799	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	88216	3.817	ug/L	97

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

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