

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056797.D
 Acq On : 12 Dec 2023 19:46
 Operator : MD/SY
 Sample : 05664-05MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0Y31MS

Quant Time: Dec 13 00:36:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 00:30:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	244630	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	236379	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	122794	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	87055	4.152	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.907	69	64794	4.129	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.560	65	39452	4.397	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.618	46	212069	51.211	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.420%
24) Chloroform-d	5.055	84	196246	4.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.695	65	92419	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.721	84	368062	5.020	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.682	67	114299	4.981	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.891	98	328950	5.020	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	8.174	79	44541	5.005	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.000%
46) 2-Hexanone-d5	8.627	63	181124	53.962	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.920%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	86820	5.229	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	116277	4.817	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	127045	4.956	ug/L	96
3) Chloromethane	1.515	50	135142	5.362	ug/L	98
5) Vinyl chloride	1.602	62	124657	4.980	ug/L	98
6) Bromomethane	1.853	94	65274	4.423	ug/L	97
8) Chloroethane	1.930	64	70483	4.807	ug/L	97
9) Trichlorofluoromethane	2.136	101	177662	5.036	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	108500	5.015	ug/L	97
12) 1,1-Dichloroethene	2.576	96	99127	4.991	ug/L	92
13) Acetone	2.628	43	119718	47.439	ug/L	98
14) Carbon disulfide	2.788	76	335238	4.865	ug/L	100
15) Methyl Acetate	2.946	43	32803	4.775	ug/L	98
16) Methylene chloride	3.039	84	105461	4.874	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	226575	5.145	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	100460	4.989	ug/L	99
19) 1,1-Dichloroethane	3.862	63	198094	5.114	ug/L	98
21) 2-Butanone	4.698	43	202955	47.689	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	111669	5.097	ug/L	99
23) Bromochloromethane	4.968	128	46435	5.063	ug/L	98
25) Chloroform	5.081	83	206290	5.084	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	123206	5.134	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	181346	5.307	ug/L	98
30) Cyclohexane	5.380	56	165106	5.149	ug/L	99
31) Carbon tetrachloride	5.518	117	155530	5.237	ug/L	99
33) Benzene	5.769	78	440739	5.305	ug/L	100
34) Trichloroethene	6.538	95	116127	5.096	ug/L	99
35) Methylcyclohexane	6.756	83	169086	5.028	ug/L	100
37) 1,2-Dichloropropane	6.785	63	115234	5.423	ug/L	99
38) Bromodichloromethane	7.097	83	139201	5.137	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	159006	5.134	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	528251	52.350	ug/L	99
42) Toluene	7.962	91	521746	6.070	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	128941	5.080	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	75371	5.246	ug/L	96
47) Tetrachloroethene	8.547	164	83330	5.225	ug/L	97
48) 2-Hexanone	8.679	43	380338	52.921	ug/L	100
49) Dibromochloromethane	8.801	129	86553	5.241	ug/L	97
50) 1,2-Dibromoethane	8.917	107	69525	5.214	ug/L	98
51) Chlorobenzene	9.441	112	283524	5.175	ug/L	99
52) Ethylbenzene	9.566	91	494806	5.218	ug/L	100
53) m,p-Xylene	9.689	106	184464	5.222	ug/L	99
54) o-Xylene	10.094	106	181545	5.394	ug/L	98
55) Styrene	10.110	104	296445	5.364	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	90106	5.191	ug/L	99
59) Bromoform	10.283	173	47792	4.767	ug/L	98
60) Isopropylbenzene	10.479	105	477631	4.923	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	61789	4.686	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	383825	4.841	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	384243	4.879	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	223419	4.868	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	215753	4.774	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	200953	4.807	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	12399	4.710	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	152380	4.394	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	113705	4.141	ug/L	98
71) Naphthalene	14.081	128	152593	3.797	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	91892	3.942	ug/L	96

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

