

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061923\
 Data File : VU054609.D
 Acq On : 19 Jun 2023 20:23
 Operator : MD/SY
 Sample : 03258-10MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCGW7MSD

Quant Time: Jun 20 05:54:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 17 06:10:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	244272	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	236208	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	127382	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	47976	3.086	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.800%
7) Chloroethane-d5	1.911	69	66683	4.581	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.563	65	23456	3.378	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	4.627	46	290815	66.536	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.080%#
24) Chloroform-d	5.058	84	175100	5.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
26) 1,2-Dichloroethane-d4	5.698	65	89430	5.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.000%
32) Benzene-d6	5.724	84	310485	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.685	67	110307	5.030	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.894	98	264579	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.177	79	36613	4.801	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.627	63	215502	67.362	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.720%#
56) 1,1,2,2-Tetrachloroeth...	10.749	84	96588	5.907	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	106803	4.971	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	108147	4.738	ug/L	100
3) Chloromethane	1.521	50	127078	4.847	ug/L	99
5) Vinyl chloride	1.602	62	135401	5.031	ug/L	99
6) Bromomethane	1.856	94	73916	4.996	ug/L	98
8) Chloroethane	1.933	64	85632	5.308	ug/L	100
9) Trichlorofluoromethane	2.136	101	179595	5.428	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	103343	5.339	ug/L	96
12) 1,1-Dichloroethene	2.576	96	95242	5.376	ug/L	97
13) Acetone	2.637	43	188702	45.789	ug/L	99
14) Carbon disulfide	2.792	76	272218	5.181	ug/L	99
15) Methyl Acetate	2.952	43	40516	5.305	ug/L	99
16) Methylene chloride	3.042	84	111489	4.475	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	251271	5.746	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	97872	5.350	ug/L	97
19) 1,1-Dichloroethane	3.865	63	207621	5.484	ug/L	97
21) 2-Butanone	4.705	43	303016	56.655	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	115836	5.561	ug/L	95
23) Bromochloromethane	4.971	128	52268	6.030	ug/L	88
25) Chloroform	5.084	83	206558	5.535	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	122811	5.614	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	177607	5.545	ug/L	99
30) Cyclohexane	5.386	56	156111	4.475	ug/L	98
31) Carbon tetrachloride	5.521	117	151751	5.498	ug/L	99
33) Benzene	5.769	78	439669	5.179	ug/L	100
34) Trichloroethene	6.537	95	113392	5.051	ug/L	98
35) Methylcyclohexane	6.759	83	152481	4.494	ug/L	98
37) 1,2-Dichloropropane	6.785	63	122810	5.350	ug/L	100
38) Bromodichloromethane	7.103	83	147875	5.691	ug/L	100
39) cis-1,3-Dichloropropene	7.605	75	166433	5.311	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	714636	58.342	ug/L	99
42) Toluene	7.965	91	466953	5.341	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	141781	5.575	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	87315	5.980	ug/L	96
47) Tetrachloroethene	8.550	164	87452	5.089	ug/L	98
48) 2-Hexanone	8.679	43	521596	57.149	ug/L	98
49) Dibromochloromethane	8.804	129	95922	6.256	ug/L	100
50) 1,2-Dibromoethane	8.920	107	81264	6.062	ug/L	99
51) Chlorobenzene	9.444	112	293308	5.382	ug/L	98
52) Ethylbenzene	9.566	91	494804	5.182	ug/L	100
53) m,p-Xylene	9.692	106	192020	5.475	ug/L	97
54) o-Xylene	10.097	106	185323	5.464	ug/L	99
55) Styrene	10.110	104	320125	5.623	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	110281	5.946	ug/L	99
59) Bromoform	10.286	173	58966	6.448	ug/L	99
60) Isopropylbenzene	10.479	105	500977	5.376	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	73525	5.711	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	393748	5.179	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	399611	5.175	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	243916	5.600	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	243096	5.561	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	222747	5.560	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	17698	6.256	ug/L	99
69) 1,3,5-Trichlorobenzene	13.212	180	175568	5.342	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	151820	5.586	ug/L	99
71) Naphthalene	14.080	128	254457	5.758	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	136387	5.842	ug/L	98

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

