

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061923\
 Data File : VU054608.D
 Acq On : 19 Jun 2023 19:59
 Operator : MD/SY
 Sample : 03258-09MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCGW7MS

Quant Time: Jun 20 05:54:04 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	252309	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	242419	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	133541	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	46874	2.919	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.400%
7) Chloroethane-d5	1.911	69	68524	4.558	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.560	65	23750	3.312	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.200%
20) 2-Butanone-d5	4.628	46	288709	63.950	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.900%
24) Chloroform-d	5.058	84	173935	5.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.698	65	88235	5.393	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	5.724	84	307454	4.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.685	67	111520	4.955	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.894	98	263436	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.177	79	34611	4.423	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.627	63	217766	66.326	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	132.660%#
56) 1,1,2,2-Tetrachloroeth...	10.749	84	98132	5.847	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	106132	4.712	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	102131	4.332	ug/L	100
3) Chloromethane	1.522	50	126057	4.655	ug/L	99
5) Vinyl chloride	1.602	62	132365	4.762	ug/L	100
6) Bromomethane	1.856	94	72620	4.752	ug/L	94
8) Chloroethane	1.933	64	83702	5.023	ug/L	99
9) Trichlorofluoromethane	2.136	101	174228	5.098	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	98967	4.950	ug/L	97
12) 1,1-Dichloroethene	2.576	96	92981	5.081	ug/L	97
13) Acetone	2.640	43	192225	45.158	ug/L	96
14) Carbon disulfide	2.788	76	263104	4.848	ug/L	100
15) Methyl Acetate	2.952	43	40146	5.089	ug/L	97
16) Methylene chloride	3.042	84	109589	4.259	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	245993	5.446	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	95434	5.051	ug/L	93
19) 1,1-Dichloroethane	3.865	63	204439	5.228	ug/L	99
21) 2-Butanone	4.705	43	296876	53.739	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	113897	5.294	ug/L	93
23) Bromochloromethane	4.972	128	50612	5.653	ug/L	86
25) Chloroform	5.084	83	208883	5.419	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	122552	5.424	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	172228	5.239	ug/L	98
30) Cyclohexane	5.386	56	148989	4.161	ug/L	98
31) Carbon tetrachloride	5.518	117	148985	5.260	ug/L	100
33) Benzene	5.769	78	432295	4.962	ug/L	100
34) Trichloroethene	6.537	95	109088	4.735	ug/L	97
35) Methylcyclohexane	6.759	83	141935	4.076	ug/L	99
37) 1,2-Dichloropropane	6.788	63	118364	5.025	ug/L	99
38) Bromodichloromethane	7.100	83	148349	5.563	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	163005	5.068	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	705049	56.085	ug/L	99
42) Toluene	7.965	91	461496	5.144	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	140201	5.372	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	85558	5.709	ug/L	95
47) Tetrachloroethene	8.550	164	84106	4.769	ug/L	97
48) 2-Hexanone	8.679	43	508857	54.325	ug/L	98
49) Dibromochloromethane	8.804	129	94380	5.998	ug/L	97
50) 1,2-Dibromoethane	8.920	107	79958	5.812	ug/L	98
51) Chlorobenzene	9.444	112	288136	5.152	ug/L	98
52) Ethylbenzene	9.566	91	480945	4.908	ug/L	100
53) m,p-Xylene	9.692	106	184992	5.139	ug/L	96
54) o-Xylene	10.097	106	182049	5.230	ug/L	96
55) Styrene	10.110	104	309735	5.301	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	108963	5.724	ug/L	98
59) Bromoform	10.286	173	59068	6.161	ug/L	98
60) Isopropylbenzene	10.479	105	485077	4.965	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	71273	5.281	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	378611	4.750	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	386133	4.770	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	235698	5.162	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	231318	5.047	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	216957	5.166	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	16996	5.731	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	166336	4.828	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	140484	4.931	ug/L	98
71) Naphthalene	14.081	128	233120	5.032	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	125763	5.138	ug/L	99

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

