

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063023\
 Data File : VU054732.D
 Acq On : 30 Jun 2023 19:10
 Operator : MD/SY
 Sample : 03495-04MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FA7MS

Quant Time: Jul 03 06:47:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jul 03 06:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	264750	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	261608	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	137179	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	79399	4.712	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.200%
7) Chloroethane-d5	1.908	69	70300	4.456	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.560	65	31493	4.185	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.624	46	276080	58.279	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.560%
24) Chloroform-d	5.059	84	168659	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.698	65	84970	4.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.724	84	304151	4.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.685	67	107290	4.418	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.894	98	281050	4.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.177	79	41017	4.857	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.200%
46) 2-Hexanone-d5	8.631	63	196785	55.539	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.080%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	91202	5.036	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	105671	4.567	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	92600	3.743	ug/L	98
3) Chloromethane	1.519	50	135754	4.777	ug/L	99
5) Vinyl chloride	1.602	62	127730	4.379	ug/L	97
6) Bromomethane	1.853	94	65078	4.058	ug/L	100
8) Chloroethane	1.927	64	82563	4.722	ug/L	97
9) Trichlorofluoromethane	2.133	101	172939	4.823	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	100657	4.798	ug/L	98
12) 1,1-Dichloroethene	2.573	96	86362	4.497	ug/L	86
13) Acetone	2.631	43	187151	41.900	ug/L	98
14) Carbon disulfide	2.789	76	210556	3.698	ug/L	98
15) Methyl Acetate	2.949	43	41736	5.042	ug/L	99
16) Methylene chloride	3.039	84	107530	3.982	ug/L	94
17) Methyl tert-butyl Ether	3.361	73	251040	5.296	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	86936	4.385	ug/L	99
19) 1,1-Dichloroethane	3.866	63	210040	5.119	ug/L	99
21) 2-Butanone	4.702	43	320684	55.321	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	109323	4.842	ug/L	98
23) Bromochloromethane	4.972	128	49039	5.220	ug/L	96
25) Chloroform	5.084	83	210950	5.215	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	128977	5.440	ug/L	99
29) 1,1,1-Trichloroethane	5.313	97	173651	4.895	ug/L	99
30) Cyclohexane	5.383	56	143648	3.718	ug/L	99
31) Carbon tetrachloride	5.518	117	142118	4.649	ug/L	97
33) Benzene	5.769	78	429283	4.566	ug/L	100
34) Trichloroethene	6.538	95	106892	4.299	ug/L	96
35) Methylcyclohexane	6.759	83	136179	3.624	ug/L	96
37) 1,2-Dichloropropane	6.785	63	122307	4.811	ug/L	99
38) Bromodichloromethane	7.103	83	150072	5.215	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	165194	4.760	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	779389	57.451	ug/L	98
42) Toluene	7.965	91	454998	4.699	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	139954	4.969	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	87093	5.385	ug/L	98
47) Tetrachloroethene	8.550	164	84662	4.449	ug/L	97
48) 2-Hexanone	8.679	43	570262	56.415	ug/L	99
49) Dibromochloromethane	8.804	129	93927	5.531	ug/L	96
50) 1,2-Dibromoethane	8.920	107	77709	5.234	ug/L #	96
51) Chlorobenzene	9.444	112	278905	4.621	ug/L	98
52) Ethylbenzene	9.566	91	477556	4.516	ug/L	99
53) m,p-Xylene	9.692	106	180337	4.642	ug/L	100
54) o-Xylene	10.097	106	175596	4.674	ug/L	99
55) Styrene	10.110	104	302781	4.802	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.779	83	116959	5.694	ug/L	100
59) Bromoform	10.287	173	56549	5.742	ug/L	98
60) Isopropylbenzene	10.483	105	478725	4.770	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	77632	5.600	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	371768	4.541	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	384721	4.626	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	229771	4.898	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	223737	4.753	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	215910	5.005	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	18629	6.115	ug/L	88
69) 1,3,5-Trichlorobenzene	13.216	180	161073	4.551	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	132806	4.538	ug/L	100
71) Naphthalene	14.084	128	222250	4.670	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	125647	4.997	ug/L	99

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

