

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063023\
 Data File : VU054733.D
 Acq On : 30 Jun 2023 19:34
 Operator : MD/SY
 Sample : 03495-05MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FA7MSD

Quant Time: Jul 03 06:48:12 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	266620	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	260568	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	136239	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	77177	4.548	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.907	69	71132	4.477	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.563	65	31500	4.157	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.624	46	271010	56.807	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.620%
24) Chloroform-d	5.058	84	162698	4.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.698	65	82661	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.724	84	303017	4.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.685	67	104573	4.323	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.894	98	269123	4.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.177	79	38114	4.531	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.631	63	193028	54.696	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.400%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	89963	4.987	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	99473	4.329	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	91684	3.680	ug/L	97
3) Chloromethane	1.518	50	127247	4.446	ug/L	99
5) Vinyl chloride	1.602	62	126854	4.318	ug/L	100
6) Bromomethane	1.853	94	67525	4.181	ug/L	98
8) Chloroethane	1.927	64	84016	4.772	ug/L	100
9) Trichlorofluoromethane	2.132	101	171763	4.756	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	97434	4.612	ug/L	98
12) 1,1-Dichloroethene	2.573	96	87353	4.517	ug/L	86
13) Acetone	2.631	43	193436	43.004	ug/L	99
14) Carbon disulfide	2.788	76	211205	3.683	ug/L	99
15) Methyl Acetate	2.949	43	42676	5.120	ug/L	99
16) Methylene chloride	3.039	84	110425	4.061	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	257539	5.395	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	88002	4.407	ug/L	95
19) 1,1-Dichloroethane	3.866	63	210504	5.095	ug/L	100
21) 2-Butanone	4.702	43	332534	56.963	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	112536	4.950	ug/L	97
23) Bromochloromethane	4.972	128	49708	5.254	ug/L	99
25) Chloroform	5.081	83	210724	5.173	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	128221	5.370	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	175801	4.976	ug/L	100
30) Cyclohexane	5.383	56	146928	3.818	ug/L	99
31) Carbon tetrachloride	5.521	117	144542	4.748	ug/L	100
33) Benzene	5.769	78	433144	4.625	ug/L	100
34) Trichloroethene	6.537	95	108150	4.367	ug/L	97
35) Methylcyclohexane	6.759	83	138483	3.700	ug/L	98
37) 1,2-Dichloropropane	6.785	63	126723	5.005	ug/L	99
38) Bromodichloromethane	7.100	83	152870	5.334	ug/L	100
39) cis-1,3-Dichloropropene	7.605	75	163813	4.739	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	804730	59.555	ug/L	99
42) Toluene	7.965	91	464919	4.821	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	143803	5.126	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	88913	5.520	ug/L	99
47) Tetrachloroethene	8.550	164	87744	4.629	ug/L	99
48) 2-Hexanone	8.679	43	593880	58.986	ug/L	99
49) Dibromochloromethane	8.804	129	95064	5.621	ug/L	98
50) 1,2-Dibromoethane	8.920	107	79924	5.404	ug/L	98
51) Chlorobenzene	9.444	112	287799	4.787	ug/L	99
52) Ethylbenzene	9.566	91	484847	4.603	ug/L	99
53) m,p-Xylene	9.692	106	182843	4.726	ug/L	97
54) o-Xylene	10.097	106	178385	4.768	ug/L	100
55) Styrene	10.110	104	310378	4.942	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	118000	5.767	ug/L	98
59) Bromoform	10.286	173	58055	5.936	ug/L	99
60) Isopropylbenzene	10.479	105	482290	4.839	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	80738	5.864	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	377637	4.644	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	390513	4.728	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	236217	5.071	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	230671	4.934	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	219695	5.128	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	18854	6.231	ug/L	98
69) 1,3,5-Trichlorobenzene	13.216	180	168526	4.795	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	145024	4.989	ug/L	98
71) Naphthalene	14.084	128	245021	5.184	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	134726	5.395	ug/L	98

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

