

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061523\
 Data File : VU054532.D
 Acq On : 15 Jun 2023 17:37
 Operator : MD/SY
 Sample : 03237-04MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YBW77MS

Quant Time: Jun 16 01:32:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 14 00:05:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	270249	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	263281	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	142089	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	63813	3.710	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.200%
7) Chloroethane-d5	1.914	69	76832	4.771	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.563	65	29888	3.891	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	4.631	46	243725	50.402	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.800%
24) Chloroform-d	5.058	84	179660	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.698	65	85016	4.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.724	84	333003	4.550	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.685	67	115952	4.744	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.894	98	292273	4.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	8.177	79	35823	4.215	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.631	63	165607	46.443	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.880%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	86979	4.772	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	112754	4.705	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	115400	4.570	ug/L	99
3) Chloromethane	1.518	50	134550	4.638	ug/L	99
5) Vinyl chloride	1.602	62	143353	4.815	ug/L	100
6) Bromomethane	1.859	94	78678	4.806	ug/L	96
8) Chloroethane	1.933	64	89604	5.021	ug/L	98
9) Trichlorofluoromethane	2.136	101	186824	5.104	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	109260	5.102	ug/L	98
12) 1,1-Dichloroethene	2.576	96	99140	5.058	ug/L	94
13) Acetone	2.644	43	170537	37.404	ug/L	99
14) Carbon disulfide	2.792	76	265935	4.575	ug/L	100
15) Methyl Acetate	2.956	43	40123	4.749	ug/L	95
16) Methylene chloride	3.042	84	114215	4.144	ug/L	96
17) Methyl tert-butyl Ether	3.361	73	243144	5.026	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	100599	4.971	ug/L	98
19) 1,1-Dichloroethane	3.866	63	214505	5.122	ug/L	99
21) 2-Butanone	4.708	43	276507	46.729	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	117148	5.083	ug/L	96
23) Bromochloromethane	4.968	128	49528	5.165	ug/L	88
25) Chloroform	5.084	83	216396	5.241	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061523\
 Data File : VU054532.D
 Acq On : 15 Jun 2023 17:37
 Operator : MD/SY
 Sample : 03237-04MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YBW77MS

Quant Time: Jun 16 01:32:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 14 00:05:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	125272	5.176	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	180748	5.063	ug/L	99
30) Cyclohexane	5.386	56	170302	4.380	ug/L	97
31) Carbon tetrachloride	5.521	117	156208	5.078	ug/L	99
33) Benzene	5.769	78	456266	4.822	ug/L	100
34) Trichloroethene	6.538	95	119174	4.763	ug/L	97
35) Methylcyclohexane	6.759	83	162363	4.293	ug/L	99
37) 1,2-Dichloropropane	6.785	63	124281	4.858	ug/L	100
38) Bromodichloromethane	7.100	83	148739	5.136	ug/L	100
39) cis-1,3-Dichloropropene	7.605	75	170264	4.875	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	660323	48.365	ug/L	99
42) Toluene	7.965	91	492494	5.054	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	141449	4.990	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	84320	5.181	ug/L	99
47) Tetrachloroethene	8.550	164	89191	4.657	ug/L	99
48) 2-Hexanone	8.679	43	476899	46.879	ug/L	98
49) Dibromochloromethane	8.804	129	91721	5.367	ug/L	99
50) 1,2-Dibromoethane	8.920	107	75980	5.085	ug/L	100
51) Chlorobenzene	9.444	112	302249	4.976	ug/L	99
52) Ethylbenzene	9.566	91	517721	4.865	ug/L	100
53) m,p-Xylene	9.692	106	198639	5.081	ug/L	96
54) o-Xylene	10.097	106	192627	5.095	ug/L	98
55) Styrene	10.110	104	330264	5.205	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	102079	4.938	ug/L	100
59) Bromoform	10.287	173	55573	5.448	ug/L	97
60) Isopropylbenzene	10.479	105	517935	4.983	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	70937	4.940	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	407991	4.811	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	420319	4.880	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	247463	5.093	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	245477	5.034	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	227265	5.086	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	16015	5.075	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	181553	4.953	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	146294	4.826	ug/L	99
71) Naphthalene	14.084	128	217250	4.407	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	126276	4.849	ug/L	98

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

