

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061523\
 Data File : VU054533.D
 Acq On : 15 Jun 2023 18:01
 Operator : MD/SY
 Sample : 03237-05MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YBW77MSD

Quant Time: Jun 16 01:33:08 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	275137	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	263901	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	143941	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	63556	3.630	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.911	69	80875	4.933	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.564	65	30854	3.945	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	4.631	46	249187	50.616	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.240%
24) Chloroform-d	5.059	84	184215	5.033	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.699	65	89274	5.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.724	84	347719	4.740	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.686	67	119599	4.882	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.895	98	302256	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.178	79	36175	4.246	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.628	63	170975	47.835	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.680%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	90327	4.944	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	117644	4.846	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.384	85	120177	4.675	ug/L	99
3) Chloromethane	1.519	50	137743	4.664	ug/L	99
5) Vinyl chloride	1.602	62	145898	4.813	ug/L	98
6) Bromomethane	1.860	94	83223	4.994	ug/L	99
8) Chloroethane	1.933	64	89313	4.915	ug/L	99
9) Trichlorofluoromethane	2.136	101	191598	5.141	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.580	101	110707	5.078	ug/L	97
12) 1,1-Dichloroethene	2.580	96	99765	4.999	ug/L	99
13) Acetone	2.641	43	174928	37.685	ug/L	100
14) Carbon disulfide	2.792	76	276318	4.669	ug/L	99
15) Methyl Acetate	2.956	43	39860	4.634	ug/L	99
16) Methylene chloride	3.043	84	115045	4.100	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	253220	5.141	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	103479	5.022	ug/L	95
19) 1,1-Dichloroethane	3.866	63	219379	5.145	ug/L	97
21) 2-Butanone	4.708	43	280838	46.618	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	119132	5.077	ug/L	96
23) Bromochloromethane	4.969	128	51455	5.270	ug/L	90
25) Chloroform	5.084	83	221234	5.263	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.789	62	127474	5.173	ug/L	96
29) 1,1,1-Trichloroethane	5.313	97	181122	5.061	ug/L	99
30) Cyclohexane	5.387	56	178119	4.570	ug/L	99
31) Carbon tetrachloride	5.522	117	157588	5.111	ug/L	100
33) Benzene	5.769	78	469501	4.950	ug/L	100
34) Trichloroethene	6.538	95	122408	4.881	ug/L	96
35) Methylcyclohexane	6.760	83	171907	4.535	ug/L	98
37) 1,2-Dichloropropane	6.785	63	129695	5.057	ug/L	100
38) Bromodichloromethane	7.100	83	150723	5.192	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	177607	5.073	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	688719	50.326	ug/L	99
42) Toluene	7.965	91	508613	5.207	ug/L	99
44) trans-1,3-Dichloropropene	8.207	75	143384	5.046	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	84480	5.178	ug/L	97
47) Tetrachloroethene	8.551	164	92314	4.808	ug/L	99
48) 2-Hexanone	8.679	43	501878	49.219	ug/L	99
49) Dibromochloromethane	8.805	129	94435	5.513	ug/L	99
50) 1,2-Dibromoethane	8.920	107	77057	5.145	ug/L	98
51) Chlorobenzene	9.441	112	315969	5.190	ug/L	99
52) Ethylbenzene	9.567	91	544981	5.109	ug/L	100
53) m,p-Xylene	9.692	106	205247	5.238	ug/L	98
54) o-Xylene	10.097	106	202754	5.350	ug/L	99
55) Styrene	10.110	104	343607	5.402	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	106043	5.117	ug/L	97
59) Bromoform	10.287	173	55479	5.369	ug/L	99
60) Isopropylbenzene	10.480	105	544639	5.172	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	72974	5.016	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	433409	5.045	ug/L	99
63) 1,2,4-Trimethylbenzene	11.464	105	441582	5.061	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	264222	5.368	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	258149	5.226	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	237565	5.248	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	16782	5.250	ug/L	94
69) 1,3,5-Trichlorobenzene	13.216	180	199291	5.366	ug/L	98
70) 1,2,4-trichlorobenzene	13.837	180	165901	5.402	ug/L	98
71) Naphthalene	14.084	128	252990	5.067	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	142997	5.420	ug/L	98

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

