

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061523\
 Data File : VU054534.D
 Acq On : 15 Jun 2023 18:25
 Operator : MD/SY
 Sample : 03253-04MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYY0MS

Quant Time: Jun 16 01:33:22 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	288367	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	276284	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	147590	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	63632	3.467	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.400%
7) Chloroethane-d5	1.914	69	77227	4.495	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.566	65	29309	3.576	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	4.627	46	245198	47.521	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.040%
24) Chloroform-d	5.058	84	177323	4.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.698	65	85956	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.724	84	336610	4.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.685	67	116004	4.523	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.894	98	291817	4.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	8.177	79	36570	4.100	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.630	63	168037	44.906	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.820%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	85896	4.491	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	114505	4.600	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	115188	4.275	ug/L	97
3) Chloromethane	1.518	50	135895	4.390	ug/L	100
5) Vinyl chloride	1.602	62	213365	6.716	ug/L	99
6) Bromomethane	1.859	94	80770	4.624	ug/L	99
8) Chloroethane	1.933	64	93919	4.932	ug/L	95
9) Trichlorofluoromethane	2.136	101	185060	4.738	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	107637	4.711	ug/L	97
12) 1,1-Dichloroethene	2.579	96	107122	5.122	ug/L	98
13) Acetone	2.640	43	168876	34.712	ug/L	96
14) Carbon disulfide	2.792	76	270005	4.353	ug/L	99
15) Methyl Acetate	2.955	43	37805	4.193	ug/L	100
16) Methylene chloride	3.042	84	114199	3.883	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	251750	4.876	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	109252	5.059	ug/L	99
19) 1,1-Dichloroethane	3.865	63	792637	17.736	ug/L	99
21) 2-Butanone	4.708	43	283354	44.878	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	791349	32.180	ug/L	96
23) Bromochloromethane	4.971	128	51256	5.009	ug/L	92
25) Chloroform	5.084	83	218030	4.949	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	125900	4.875	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	384844	10.272	ug/L	99
30) Cyclohexane	5.383	56	176283	4.320	ug/L	97
31) Carbon tetrachloride	5.521	117	155200	4.808	ug/L	99
33) Benzene	5.769	78	470603	4.739	ug/L	100
34) Trichloroethene	6.537	95	122722	4.674	ug/L	97
35) Methylcyclohexane	6.759	83	170290	4.291	ug/L	100
37) 1,2-Dichloropropane	6.788	63	126935	4.728	ug/L	99
38) Bromodichloromethane	7.100	83	150486	4.952	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	173615	4.737	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	684267	47.760	ug/L	100
42) Toluene	7.965	91	509940	4.987	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	143292	4.817	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	87206	5.106	ug/L	97
47) Tetrachloroethene	8.550	164	96849	4.819	ug/L	98
48) 2-Hexanone	8.679	43	501673	46.993	ug/L	100
49) Dibromochloromethane	8.804	129	93815	5.231	ug/L	97
50) 1,2-Dibromoethane	8.920	107	78072	4.979	ug/L	98
51) Chlorobenzene	9.444	112	308648	4.842	ug/L	98
52) Ethylbenzene	9.566	91	531649	4.761	ug/L	99
53) m,p-Xylene	9.692	106	203335	4.956	ug/L	98
54) o-Xylene	10.097	106	200009	5.041	ug/L	98
55) Styrene	10.110	104	332201	4.989	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	104949	4.838	ug/L	98
59) Bromoform	10.286	173	56011	5.286	ug/L	99
60) Isopropylbenzene	10.479	105	532440	4.931	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	73032	4.896	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	427068	4.848	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	442857	4.950	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	261498	5.182	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	258767	5.109	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	236278	5.090	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	16275	4.965	ug/L	95
69) 1,3,5-Trichlorobenzene	13.216	180	194677	5.113	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	165205	5.247	ug/L	100
71) Naphthalene	14.084	128	258631	5.051	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	145874	5.393	ug/L	98

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

