

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062223\
 Data File : VU054664.D
 Acq On : 22 Jun 2023 18:27
 Operator : MD/SY
 Sample : 03384-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YBW82MS

Quant Time: Jun 23 04:36:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 23 04:31:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	307051	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	297059	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	152026	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	104457	5.345	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.000%
7) Chloroethane-d5	1.914	69	83898	4.586	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.563	65	40629	4.655	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	4.628	46	255394	46.485	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.960%
24) Chloroform-d	5.059	84	181389	4.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.698	65	87733	4.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.724	84	340820	4.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.685	67	115378	4.184	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.600%
41) Toluene-d8	7.894	98	310103	4.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.174	79	42603	4.442	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.628	63	176074	43.763	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.520%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	87430	4.251	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	107649	4.198	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	108831	3.793	ug/L	99
3) Chloromethane	1.522	50	135691	4.117	ug/L	100
5) Vinyl chloride	1.605	62	141620	4.186	ug/L	98
6) Bromomethane	1.859	94	74199	3.989	ug/L	95
8) Chloroethane	1.933	64	91456	4.510	ug/L	99
9) Trichlorofluoromethane	2.136	101	181724	4.370	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.580	101	110232	4.531	ug/L	99
12) 1,1-Dichloroethene	2.580	96	96076	4.314	ug/L	89
13) Acetone	2.641	43	204572	39.491	ug/L	99
14) Carbon disulfide	2.792	76	239600	3.628	ug/L	99
15) Methyl Acetate	2.956	43	43988	4.582	ug/L	98
16) Methylene chloride	3.043	84	114885	3.668	ug/L	90
17) Methyl tert-butyl Ether	3.361	73	253853	4.618	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	98754	4.295	ug/L	99
19) 1,1-Dichloroethane	3.866	63	232613	4.888	ug/L	99
21) 2-Butanone	4.708	43	343021	51.022	ug/L	93
22) cis-1,2-Dichloroethene	4.663	96	117849	4.501	ug/L	94
23) Bromochloromethane	4.972	128	49733	4.564	ug/L	95
25) Chloroform	5.081	83	226304	4.824	ug/L	100

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27) 1,2-Dichloroethane	5.788	62	133645	4.860	ug/L	99
29) 1,1,1-Trichloroethane	5.313	97	187821	4.663	ug/L	98
30) Cyclohexane	5.383	56	170960	3.897	ug/L	99
31) Carbon tetrachloride	5.522	117	155441	4.478	ug/L	99
33) Benzene	5.769	78	478103	4.478	ug/L	100
34) Trichloroethene	6.538	95	120308	4.262	ug/L	97
35) Methylcyclohexane	6.759	83	161076	3.775	ug/L	97
37) 1,2-Dichloropropane	6.785	63	137700	4.770	ug/L	99
38) Bromodichloromethane	7.100	83	155639	4.763	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	177725	4.510	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	795752	51.657	ug/L	97
42) Toluene	7.965	91	501702	4.563	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	148817	4.653	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	89126	4.853	ug/L	98
47) Tetrachloroethene	8.547	164	83021	3.842	ug/L	97
48) 2-Hexanone	8.679	43	568649	49.542	ug/L	98
49) Dibromochloromethane	8.804	129	93210	4.834	ug/L	98
50) 1,2-Dibromoethane	8.920	107	78060	4.630	ug/L	97
51) Chlorobenzene	9.441	112	303426	4.427	ug/L	98
52) Ethylbenzene	9.566	91	528539	4.402	ug/L	100
53) m,p-Xylene	9.689	106	195492	4.432	ug/L	98
54) o-Xylene	10.097	106	191107	4.480	ug/L	97
55) Styrene	10.110	104	329149	4.597	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	115150	4.937	ug/L	98
59) Bromoform	10.287	173	54893	5.030	ug/L	100
60) Isopropylbenzene	10.480	105	521104	4.686	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	77006	5.012	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	404162	4.454	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	416925	4.524	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	242097	4.657	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	239813	4.597	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	225523	4.717	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	18056	5.348	ug/L	90
69) 1,3,5-Trichlorobenzene	13.213	180	177607	4.528	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	140559	4.334	ug/L	98
71) Naphthalene	14.081	128	220162	4.175	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	123774	4.442	ug/L	97

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

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