

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092523\
 Data File : VU055501.D
 Acq On : 25 Sep 2023 17:36
 Operator : MD/SY
 Sample : 04581-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYJ10MS

Quant Time: Sep 26 01:23:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 25 01:08:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	324991	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	331304	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	191531	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	91320	2.780	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.600%
7) Chloroethane-d5	1.911	69	89025	3.076	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.600%#
11) 1,1-Dichloroethene-d2	2.563	65	40929	3.027	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.600%
20) 2-Butanone-d5	4.628	46	309511	52.169	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.340%
24) Chloroform-d	5.058	84	247441	4.165	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
26) 1,2-Dichloroethane-d4	5.698	65	119007	4.164	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
32) Benzene-d6	5.724	84	449886	3.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
36) 1,2-Dichloropropane-d6	6.689	67	147148	4.250	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.894	98	389526	3.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	8.177	79	52048	4.284	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.631	63	191273	51.753	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.500%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	125648	4.842	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	153138	3.961	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	143574	4.538	ug/L	98
3) Chloromethane	1.515	50	131856	4.737	ug/L	99
5) Vinyl chloride	1.602	62	150137	5.000	ug/L	100
6) Bromomethane	1.856	94	64905	3.403	ug/L	94
8) Chloroethane	1.930	64	79237	4.044	ug/L	95
9) Trichlorofluoromethane	2.136	101	184469	4.430	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	118052	4.659	ug/L	97
12) 1,1-Dichloroethene	2.576	96	107733	4.741	ug/L	88
13) Acetone	2.637	43	148350	43.866	ug/L	99
14) Carbon disulfide	2.788	76	340997	4.992	ug/L	98
15) Methyl Acetate	2.952	43	34961	4.534	ug/L	96
16) Methylene chloride	3.039	84	117732	4.325	ug/L	99
17) Methyl tert-butyl Ether	3.358	73	241924	4.908	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	110542	4.827	ug/L	99
19) 1,1-Dichloroethane	3.866	63	209475	4.946	ug/L	99
21) 2-Butanone	4.708	43	239635	48.312	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	144637	5.447	ug/L	99
23) Bromochloromethane	4.972	128	53156	4.736	ug/L	99
25) Chloroform	5.084	83	221559	4.940	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	125705	4.570	ug/L #	94
29) 1,1,1-Trichloroethane	5.312	97	187422	4.962	ug/L	97
30) Cyclohexane	5.386	56	169205	4.894	ug/L	99
31) Carbon tetrachloride	5.521	117	163541	5.052	ug/L	97
33) Benzene	5.769	78	470545	4.935	ug/L	100
34) Trichloroethene	6.537	95	125884	4.667	ug/L	94
35) Methylcyclohexane	6.759	83	179884	4.630	ug/L	96
37) 1,2-Dichloropropane	6.788	63	120711	4.840	ug/L	99
38) Bromodichloromethane	7.103	83	147848	5.059	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	168542	5.064	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	569415	50.336	ug/L	99
42) Toluene	7.965	91	508517	5.000	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	139178	5.226	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	87149	4.984	ug/L	98
47) Tetrachloroethene	8.550	164	94511	4.885	ug/L	98
48) 2-Hexanone	8.682	43	432945	49.382	ug/L	96
49) Dibromochloromethane	8.807	129	94006	5.129	ug/L	93
50) 1,2-Dibromoethane	8.920	107	82161	5.063	ug/L	99
51) Chlorobenzene	9.444	112	316549	4.859	ug/L	97
52) Ethylbenzene	9.566	91	538734	4.941	ug/L	97
53) m,p-Xylene	9.692	106	206586	5.056	ug/L	98
54) o-Xylene	10.097	106	197461	4.970	ug/L	98
55) Styrene	10.113	104	334905	5.213	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.778	83	100746	5.104	ug/L	97
59) Bromoform	10.287	173	52051	5.070	ug/L	98
60) Isopropylbenzene	10.483	105	532460	4.824	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	73593	4.922	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	428486	4.854	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	414086	4.792	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	256437	4.852	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	249529	4.724	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	232945	4.808	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	12774	4.929	ug/L	90
69) 1,3,5-Trichlorobenzene	13.216	180	169739	4.664	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	127362	4.590	ug/L	98
71) Naphthalene	14.084	128	175484	4.369	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	112896	4.676	ug/L	98

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

