

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042023\
 Data File : VU053803.D
 Acq On : 20 Apr 2023 13:59
 Operator : JC/MD
 Sample : 02215-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2023-04

Quant Time: Apr 21 04:20:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 19 04:58:28 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/22/2023
 Supervised By :Mahesh Dadoda 04/22/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	140181	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	130413	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	64254	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	46639	4.836	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.800%
7) Chloroethane-d5	1.912	69	38842	4.438	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.565	65	17188	4.184	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.626	46	74595	33.765	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.540%
24) Chloroform-d	5.060	84	78328	4.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.697	65	37693	4.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
32) Benzene-d6	5.722	84	162541	4.398	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.687	67	49517	4.397	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.893	98	143365	4.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	8.176	79	17170	3.973	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.629	63	62384	35.538	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.080%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34693	3.701	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	51620	4.465	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	2853	0.284	ug/L	99
3) Chloromethane	1.520	50	2999	0.296	ug/L	94
5) Vinyl chloride	1.604	62	3564	0.312	ug/L #	80
6) Bromomethane	1.858	94	2362	0.327	ug/L	100
8) Chloroethane	1.932	64	2283	0.344	ug/L #	78
9) Trichlorofluoromethane	2.137	101	4592	0.266	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	3225	0.369	ug/L #	89
12) 1,1-Dichloroethene	2.581	96	2786	0.351	ug/L #	1
14) Carbon disulfide	2.793	76	6399	0.275	ug/L	99
15) Methyl Acetate	2.954	43	725	0.236	ug/L #	66
16) Methylene chloride	3.050	84	3797	0.364	ug/L	86
17) Methyl tert-butyl Ether	3.359	73	4750	0.247	ug/L #	69
18) trans-1,2-Dichloroethene	3.356	96	2343	0.284	ug/L	93
19) 1,1-Dichloroethane	3.870	63	4253	0.280	ug/L	96
21) 2-Butanone	4.729	43	5027m	2.469	ug/L	
22) cis-1,2-Dichloroethene	4.665	96	3009	0.271	ug/L	79
23) Bromochloromethane	4.970	128	1071	0.272	ug/L #	67
27) 1,2-Dichloroethane	5.793	62	2760	0.282	ug/L #	91
29) 1,1,1-Trichloroethane	5.314	97	4270	0.332	ug/L #	79

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	5.382	56	3427	0.250	ug/L	98
31) Carbon tetrachloride	5.523	117	3410	0.313	ug/L	94
33) Benzene	5.771	78	10195	0.292	ug/L	100
34) Trichloroethene	6.545	95	3150	0.339	ug/L	86
35) Methylcyclohexane	6.758	83	4512	0.283	ug/L #	93
37) 1,2-Dichloropropane	6.787	63	2753	0.298	ug/L #	89
38) Bromodichloromethane	7.105	83	2839	0.277	ug/L #	88
39) cis-1,3-Dichloropropene	7.603	75	3418	0.251	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	10623	2.353	ug/L #	86
42) Toluene	7.967	91	10685	0.280	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	3746	0.338	ug/L	92
45) 1,1,2-Trichloroethane	8.398	97	1791	0.273	ug/L	87
47) Tetrachloroethene	8.545	164	2352	0.344	ug/L	88
48) 2-Hexanone	8.680	43	9496	2.844	ug/L	99
49) Dibromochloromethane	8.806	129	1704	0.263	ug/L #	70
50) 1,2-Dibromoethane	8.918	107	1659	0.262	ug/L #	97
51) Chlorobenzene	9.446	112	6688	0.278	ug/L	91
52) Ethylbenzene	9.568	91	10706	0.257	ug/L	94
53) m,p-Xylene	9.693	106	4138	0.261	ug/L	91
54) o-Xylene	10.098	106	4216	0.280	ug/L	80
55) Styrene	10.111	104	5337	0.216	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.780	83	2144	0.259	ug/L #	95
59) Bromoform	10.288	173	897	0.271	ug/L #	82
60) Isopropylbenzene	10.481	105	9783	0.251	ug/L	97
61) 1,2,3-Trichloropropane	10.822	75	1426	0.268	ug/L #	91
62) 1,3,5-Trimethylbenzene	11.086	105	7480	0.236	ug/L	96
63) 1,2,4-Trimethylbenzene	11.465	105	7204	0.222	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	5198	0.303	ug/L	88
65) 1,4-Dichlorobenzene	11.828	146	5418	0.314	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	4739	0.291	ug/L #	82
68) 1,2-Dibromo-3-chloropr...	12.992	75	239	0.232	ug/L #	39
69) 1,3,5-Trichlorobenzene	13.217	180	3665	0.306	ug/L	94
70) 1,2,4-trichlorobenzene	13.841	180	2821	0.296	ug/L	97

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

