

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053705.D
 Acq On : 14 Apr 2023 10:53
 Operator : JC/MD
 Sample : 02215-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2023-03

Quant Time: Apr 17 03:44:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 15 05:28:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/18/2023
 Supervised By :Mahesh Dadoda 04/18/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	145691	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	135040	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	65790	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	50214	5.010	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	100.200%	
7) Chloroethane-d5	1.912	69	40204	4.420	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.400%	
11) 1,1-Dichloroethene-d2	2.565	65	18573	4.350	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.000%	
20) 2-Butanone-d5	4.626	46	71177	31.000	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	62.000%	
24) Chloroform-d	5.057	84	79014	4.253	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.000%	
26) 1,2-Dichloroethane-d4	5.700	65	36917	3.877	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.600%	
32) Benzene-d6	5.722	84	162092	4.235	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.800%	
36) 1,2-Dichloropropane-d6	6.687	67	48846	4.189	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.800%	
41) Toluene-d8	7.896	98	151136	4.186	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.800%	
43) trans-1,3-Dichloroprop...	8.176	79	17936	4.008	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.200%	
46) 2-Hexanone-d5	8.629	63	61782	33.989	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	67.980%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	33219	3.422	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	68.400%	
66) 1,2-Dichlorobenzene-d4	12.188	152	50171	4.239	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	84.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	3072	0.294	ug/L	95
3) Chloromethane	1.520	50	3178	0.302	ug/L	87
5) Vinyl chloride	1.604	62	3494	0.295	ug/L #	12
6) Bromomethane	1.858	94	1877	0.250	ug/L	79
8) Chloroethane	1.932	64	1839	0.267	ug/L	91
9) Trichlorofluoromethane	2.137	101	4836	0.270	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	3589	0.395	ug/L #	82
12) 1,1-Dichloroethene	2.575	96	3629	0.440	ug/L #	1
14) Carbon disulfide	2.790	76	6977	0.288	ug/L #	94
15) Methyl Acetate	2.951	43	592m	0.185	ug/L	
16) Methylene chloride	3.044	84	4808	0.444	ug/L	92
17) Methyl tert-butyl Ether	3.366	73	4657	0.233	ug/L #	92
18) trans-1,2-Dichloroethene	3.356	96	2229	0.260	ug/L	95
19) 1,1-Dichloroethane	3.867	63	4383	0.278	ug/L	98
21) 2-Butanone	4.719	43	4294	2.030	ug/L	84
22) cis-1,2-Dichloroethene	4.665	96	2311	0.200	ug/L	89
23) Bromochloromethane	4.983	128	1133m	0.277	ug/L	
27) 1,2-Dichloroethane	5.790	62	2510	0.247	ug/L #	91
29) 1,1,1-Trichloroethane	5.311	97	6378	0.478	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	5.388	56	3338	0.235	ug/L	85
31) Carbon tetrachloride	5.520	117	3202	0.284	ug/L	97
33) Benzene	5.771	78	10075	0.278	ug/L	100
34) Trichloroethene	6.539	95	3200	0.332	ug/L	90
35) Methylcyclohexane	6.758	83	4062	0.246	ug/L	93
37) 1,2-Dichloropropane	6.790	63	2662	0.279	ug/L #	89
38) Bromodichloromethane	7.105	83	2733	0.258	ug/L #	97
39) cis-1,3-Dichloropropene	7.603	75	3502	0.248	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	10169	2.175	ug/L #	85
42) Toluene	7.967	91	9877	0.250	ug/L	89
44) trans-1,3-Dichloropropene	8.208	75	2614m	0.228	ug/L	
45) 1,1,2-Trichloroethane	8.404	97	1879	0.277	ug/L	94
47) Tetrachloroethene	8.549	164	2658	0.375	ug/L	96
48) 2-Hexanone	8.687	43	8581m	2.482	ug/L	
49) Dibromochloromethane	8.806	129	1949	0.291	ug/L	83
50) 1,2-Dibromoethane	8.922	107	1966	0.300	ug/L #	80
51) Chlorobenzene	9.443	112	7544	0.303	ug/L	98
52) Ethylbenzene	9.568	91	10281	0.239	ug/L	96
53) m,p-Xylene	9.690	106	3884	0.236	ug/L	99
54) o-Xylene	10.098	106	3679	0.236	ug/L	85
55) Styrene	10.115	104	6202	0.242	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.777	83	1906	0.223	ug/L #	71
60) Isopropylbenzene	10.481	105	9623	0.241	ug/L	97
61) 1,2,3-Trichloropropane	10.822	75	1289	0.236	ug/L	96
62) 1,3,5-Trimethylbenzene	11.086	105	7598	0.234	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	7338m	0.221	ug/L	
64) 1,3-Dichlorobenzene	11.745	146	5030	0.286	ug/L	97
65) 1,4-Dichlorobenzene	11.831	146	6109	0.346	ug/L	93
67) 1,2-Dichlorobenzene	12.211	146	4782	0.287	ug/L	87
68) 1,2-Dibromo-3-chloropr...	13.002	75	230	0.218	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.220	180	3049	0.249	ug/L #	87
70) 1,2,4-trichlorobenzene	13.841	180	3335	0.342	ug/L	87

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

