

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110422\
 Data File : VU051761.D
 Acq On : 04 Nov 2022 15:35
 Operator : JC/MD
 Sample : N4015-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2022-05

Quant Time: Nov 04 22:48:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 04 22:04:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/07/2022
 Supervised By :Mahesh Dadoda 11/08/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	164166	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	183964	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	84840	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	52772	4.268	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.912	69	52856	4.099	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.000%
11) 1,1-Dichloroethene-d2	2.565	65	21949	4.891	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	4.620	46	177115	39.554	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.100%
24) Chloroform-d	5.060	84	129918	4.490	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.700	65	66404	4.249	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	5.726	84	232376	4.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
36) 1,2-Dichloropropane-d6	6.690	67	81663	4.023	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.400%
41) Toluene-d8	7.896	98	177545	3.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	8.179	79	24065	3.877	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.632	63	130154	34.833	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.660%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	76276	4.100	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	76093	4.887	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	4090	0.228	ug/L #	85
3) Chloromethane	1.523	50	4699	0.208	ug/L	96
5) Vinyl chloride	1.604	62	5295	0.244	ug/L #	1
8) Chloroethane	1.935	64	4254	0.323	ug/L #	68
9) Trichlorofluoromethane	2.137	101	5553	0.233	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	4234	0.303	ug/L #	78
12) 1,1-Dichloroethene	2.578	96	3412	0.239	ug/L #	1
13) Acetone	2.629	43	5735	2.524	ug/L	94
14) Carbon disulfide	2.793	76	11019	0.240	ug/L	98
15) Methyl Acetate	2.954	43	1498	0.252	ug/L #	74
16) Methylene chloride	3.044	84	24315	1.040	ug/L	94
17) Methyl tert-butyl Ether	3.366	73	6580	0.201	ug/L	96
18) trans-1,2-Dichloroethene	3.350	96	3479	0.227	ug/L	94
19) 1,1-Dichloroethane	3.867	63	6548	0.232	ug/L	97
21) 2-Butanone	4.713	43	8250m	2.319	ug/L	
22) cis-1,2-Dichloroethene	4.668	96	3841	0.227	ug/L	96
23) Bromochloromethane	4.973	128	1713	0.216	ug/L	89
27) 1,2-Dichloroethane	5.800	62	4116	0.228	ug/L #	94
29) 1,1,1-Trichloroethane	5.317	97	5315	0.213	ug/L	96

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30) Cyclohexane	5.382	56	4197	0.182	ug/L	93
31) Carbon tetrachloride	5.523	117	4665	0.218	ug/L	94
33) Benzene	5.774	78	14306	0.197	ug/L	100
34) Trichloroethene	6.539	95	3919	0.224	ug/L	87
35) Methylcyclohexane	6.764	83	4634	0.191	ug/L #	91
37) 1,2-Dichloropropane	6.790	63	4242	0.227	ug/L	98
38) Bromodichloromethane	7.105	83	5323	0.233	ug/L	90
39) cis-1,3-Dichloropropene	7.610	75	4585	0.191	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	16051	1.714	ug/L #	83
44) trans-1,3-Dichloropropene	8.211	75	4367	0.218	ug/L	92
45) 1,1,2-Trichloroethane	8.401	97	2828	0.207	ug/L	95
49) Dibromochloromethane	8.809	129	3406	0.218	ug/L	88
50) 1,2-Dibromoethane	8.922	107	2736	0.222	ug/L #	99
51) Chlorobenzene	9.446	112	10624	0.226	ug/L	95
52) Ethylbenzene	9.571	91	13237	0.184	ug/L	97
53) m,p-Xylene	9.693	106	4983	0.178	ug/L	99
54) o-Xylene	10.099	106	4313	0.158	ug/L	94
55) Styrene	10.115	104	6185	0.135	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	3870	0.228	ug/L #	93
59) Bromoform	10.285	173	1710	0.218	ug/L #	91
60) Isopropylbenzene	10.484	105	10742	0.173	ug/L	97
61) 1,2,3-Trichloropropane	10.825	75	2609	0.238	ug/L	96
62) 1,3,5-Trimethylbenzene	11.082	105	3098	0.186	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	7362	0.153	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	6689	0.217	ug/L	94
65) 1,4-Dichlorobenzene	11.832	146	6729	0.218	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	6696	0.223	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	5021	0.228	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	3409	0.202	ug/L	87
71) Naphthalene	14.092	128	4755	0.151	ug/L	97
72) 1,2,3-Trichlorobenzene	14.330	180	2921	0.171	ug/L	86

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

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