

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110822\
 Data File : VU051776.D
 Acq On : 08 Nov 2022 11:59
 Operator : JC/MD
 Sample : N4015-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2022-06

Quant Time: Nov 09 00:09:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 08 23:59:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/09/2022
 Supervised By :Mahesh Dadoda 11/09/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	153267	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	166409	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	82188	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	74776	6.478	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	129.600%
7) Chloroethane-d5	1.912	69	67296	5.590	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.800%
11) 1,1-Dichloroethene-d2	2.565	65	31772	7.584	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	151.600%#
20) 2-Butanone-d5	4.620	46	161742	38.690	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.380%
24) Chloroform-d	5.060	84	136194	5.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.703	65	72759	4.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.726	84	291297	5.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.000%
36) 1,2-Dichloropropane-d6	6.690	67	93556	5.095	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.896	98	241240	5.842	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.800%
43) trans-1,3-Dichloroprop...	8.179	79	29214	5.203	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.000%
46) 2-Hexanone-d5	8.632	63	123604	36.570	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.140%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	76696	4.558	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	87056	5.771	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	3901	0.233	ug/L	99
3) Chloromethane	1.523	50	5145	0.243	ug/L	97
5) Vinyl chloride	1.604	62	5245	0.259	ug/L #	1
6) Bromomethane	1.854	94	7655	0.798	ug/L	89
8) Chloroethane	1.932	64	3523	0.287	ug/L #	77
9) Trichlorofluoromethane	2.137	101	5804	0.261	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	4666	0.357	ug/L	85
12) 1,1-Dichloroethene	2.581	96	3869	0.290	ug/L #	1
13) Acetone	2.626	43	6270	2.956	ug/L	89
14) Carbon disulfide	2.793	76	9878	0.230	ug/L #	95
15) Methyl Acetate	2.957	43	1329	0.239	ug/L #	62
16) Methylene chloride	3.047	84	8739	0.400	ug/L	92
17) Methyl tert-butyl Ether	3.362	73	7290	0.239	ug/L #	93
18) trans-1,2-Dichloroethene	3.359	96	3816	0.267	ug/L	83
19) 1,1-Dichloroethane	3.870	63	7084	0.269	ug/L	99
21) 2-Butanone	4.713	43	9014m	2.714	ug/L	
22) cis-1,2-Dichloroethene	4.665	96	4102	0.259	ug/L	91
23) Bromochloromethane	4.980	128	1731	0.234	ug/L	89
25) Chloroform	5.086	83	15779	0.577	ug/L	97

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27) 1,2-Dichloroethane	5.793	62	4331	0.257	ug/L	97
29) 1,1,1-Trichloroethane	5.317	97	5503	0.244	ug/L	96
30) Cyclohexane	5.388	56	3824	0.184	ug/L	95
31) Carbon tetrachloride	5.523	117	4748	0.246	ug/L	94
33) Benzene	5.774	78	15720	0.239	ug/L	100
34) Trichloroethene	6.542	95	3942	0.249	ug/L	96
35) Methylcyclohexane	6.755	83	4456	0.203	ug/L	95
37) 1,2-Dichloropropane	6.790	63	4354	0.258	ug/L #	88
38) Bromodichloromethane	7.111	83	5016	0.243	ug/L	92
39) cis-1,3-Dichloropropene	7.610	75	4908	0.226	ug/L	88
40) 4-Methyl-2-pentanone	7.793	43	16684	1.969	ug/L #	86
42) Toluene	7.970	91	14639	0.217	ug/L	95
44) trans-1,3-Dichloropropene	8.211	75	4725m	0.261	ug/L	
45) 1,1,2-Trichloroethane	8.401	97	3088	0.249	ug/L	95
47) Tetrachloroethene	8.555	164	2934	0.242	ug/L	92
49) Dibromochloromethane	8.806	129	3714	0.263	ug/L	90
50) 1,2-Dibromoethane	8.925	107	2748	0.246	ug/L #	98
51) Chlorobenzene	9.446	112	11046	0.260	ug/L	92
52) Ethylbenzene	9.571	91	14324	0.220	ug/L	96
53) m,p-Xylene	9.693	106	5466	0.216	ug/L	97
54) o-Xylene	10.098	106	5117	0.207	ug/L	100
55) Styrene	10.115	104	7203	0.174	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	4394	0.286	ug/L	96
59) Bromoform	10.291	173	2129	0.280	ug/L #	86
60) Isopropylbenzene	10.484	105	11812	0.197	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	2428	0.228	ug/L #	90
62) 1,3,5-Trimethylbenzene	11.089	105	3226	0.200	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	8449	0.181	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	7368	0.247	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	7323	0.245	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	7370	0.253	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	329m	0.150	ug/L	
69) 1,3,5-Trichlorobenzene	13.221	180	5574	0.262	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	3986	0.244	ug/L	92
71) Naphthalene	14.098	128	5873	0.192	ug/L #	95
72) 1,2,3-Trichlorobenzene	14.333	180	3798	0.230	ug/L	95

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

