

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021023\
 Data File : VU053040.D
 Acq On : 10 Feb 2023 16:03
 Operator : JC/MD
 Sample : 01378-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT1-2023-01

Quant Time: Feb 10 23:54:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 10 23:20:41 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/13/2023
 Supervised By :Mahesh Dadoda 02/13/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	127293	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	112285	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	52263	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27845	4.566	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.913	69	27062	4.721	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.566	65	12495	4.467	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.649	46	95467	51.116	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.240%
24) Chloroform-d	5.061	84	63687	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.698	65	33689	4.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.723	84	118675	4.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.688	67	41545	4.727	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.894	98	104368	4.579	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.177	79	16906	4.752	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.630	63	80500	50.965	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.940%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	37141	4.921	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	39319	5.036	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	2055	0.220	ug/L	93
3) Chloromethane	1.518	50	2149	0.221	ug/L	95
5) Vinyl chloride	1.601	62	2269	0.212	ug/L #	74
6) Bromomethane	1.855	94	1317	0.197	ug/L	81
8) Chloroethane	1.933	64	1236	0.196	ug/L #	74
9) Trichlorofluoromethane	2.138	101	2801	0.190	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	1778	0.219	ug/L #	88
12) 1,1-Dichloroethene	2.576	96	2105	0.280	ug/L #	1
14) Carbon disulfide	2.791	76	4725	0.208	ug/L	98
15) Methyl Acetate	2.968	43	582m	0.178	ug/L	
16) Methylene chloride	3.042	84	2607	0.299	ug/L	92
17) Methyl tert-butyl Ether	3.360	73	3925	0.192	ug/L #	78
18) trans-1,2-Dichloroethene	3.354	96	1589	0.199	ug/L	84
19) 1,1-Dichloroethane	3.862	63	2727	0.182	ug/L	96
21) 2-Butanone	4.736	43	4740m	2.393	ug/L	
22) cis-1,2-Dichloroethene	4.669	96	1839	0.204	ug/L	82
23) Bromochloromethane	4.971	128	576	0.162	ug/L	79
27) 1,2-Dichloroethane	5.794	62	1723	0.179	ug/L #	83
29) 1,1,1-Trichloroethane	5.309	97	2904	0.216	ug/L	87

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	5.383	56	2931	0.219	ug/L #	86
31) Carbon tetrachloride	5.527	117	2072	0.185	ug/L	94
33) Benzene	5.772	78	6131	0.189	ug/L	100
37) 1,2-Dichloropropane	6.791	63	1700	0.193	ug/L #	90
38) Bromodichloromethane	7.103	83	2429	0.213	ug/L	99
39) cis-1,3-Dichloropropene	7.608	75	2445	0.174	ug/L	91
40) 4-Methyl-2-pentanone	7.794	43	9282	2.018	ug/L #	87
42) Toluene	7.964	91	7220	0.205	ug/L	92
44) trans-1,3-Dichloropropene	8.209	75	2086	0.180	ug/L	87
45) 1,1,2-Trichloroethane	8.398	97	1457	0.230	ug/L #	85
47) Tetrachloroethene	8.550	164	1138	0.192	ug/L	91
48) 2-Hexanone	8.681	43	10572	3.132	ug/L #	94
49) Dibromochloromethane	8.804	129	1325	0.191	ug/L	97
50) 1,2-Dibromoethane	8.919	107	1179	0.201	ug/L #	97
51) Chlorobenzene	9.443	112	4272	0.195	ug/L	95
52) Ethylbenzene	9.569	91	7423	0.186	ug/L	98
53) m,p-Xylene	9.691	106	2806	0.188	ug/L	96
54) o-Xylene	10.096	106	2791	0.193	ug/L	98
55) Styrene	10.115	104	4590	0.196	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.778	83	1867	0.232	ug/L	88
60) Isopropylbenzene	10.482	105	7691	0.203	ug/L	98
61) 1,2,3-Trichloropropane	10.816	75	979	0.195	ug/L	93
62) 1,3,5-Trimethylbenzene	11.083	105	6266	0.196	ug/L	96
63) 1,2,4-Trimethylbenzene	11.466	105	6210	0.194	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	2840	0.185	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	3279	0.214	ug/L	95
67) 1,2-Dichlorobenzene	12.205	146	2902	0.203	ug/L	91
69) 1,3,5-Trichlorobenzene	13.218	180	2094	0.192	ug/L	98

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

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