

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022223\
 Data File : VW030080.D
 Acq On : 22 Feb 2023 15:36
 Operator : SY/MD
 Sample : 01378-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT1-2023-02

Quant Time: Feb 22 23:25:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM021723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 22 23:16:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	382204	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	366849	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	219642	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	156117	57.452	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.900%
7) Chloroethane-d5	1.535	69	129149	62.113	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	124.220%
11) 1,1-Dichloroethene-d2	2.063	63	212944	40.964	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.920%
21) 2-Butanone-d5	3.793	46	157226	92.714	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.710%
24) Chloroform-d	4.256	84	254381	50.363	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.720%
26) 1,2-Dichloroethane-d4	4.947	65	154232	51.659	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.320%
32) Benzene-d6	4.966	84	521220	53.497	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.000%
36) 1,2-Dichloropropane-d6	5.995	67	166105	53.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.240%
41) Toluene-d8	7.249	98	482102	52.431	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.860%
43) trans-1,3-Dichloroprop...	7.558	79	77464	50.314	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.620%
47) 2-Hexanone-d5	8.030	63	131892	91.318	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.320%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	224265	48.259	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.520%
66) 1,2-Dichlorobenzene-d4	11.570	152	203857	52.113	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	9270	2.291	ug/L	96
3) Chloromethane	1.217	50	17018	3.278	ug/L	96
5) Vinyl chloride	1.288	62	8735	2.416	ug/L #	74
6) Bromomethane	1.494	94	1752	2.666	ug/L	86
8) Chloroethane	1.551	64	4993	2.367	ug/L	84
9) Trichlorofluoromethane	1.719	101	11488	2.397	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	8875	3.026	ug/L	88
12) 1,1-Dichloroethene	2.072	96	7920	3.002	ug/L #	1
13) Acetone	2.127	43	7992	6.140	ug/L	94
14) Carbon disulfide	2.246	76	16437	2.107	ug/L #	94
15) Methyl Acetate	2.384	43	5673	2.096	ug/L	92
16) Methylene chloride	2.455	84	8014	2.774	ug/L	96
17) trans-1,2-Dichloroethene	2.699	96	5935	2.201	ug/L	96
18) Methyl tert-butyl Ether	2.709	73	18601	2.167	ug/L	97
19) 1,1-Dichloroethane	3.121	63	11440	2.301	ug/L	95
20) cis-1,2-Dichloroethene	3.825	96	6979	2.340	ug/L	98
22) 2-Butanone	3.902	43	8800m	4.819	ug/L	
23) Bromochloromethane	4.159	128	3630	2.283	ug/L	97
25) Chloroform	4.281	83	13144	2.594	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.056	62	8183	2.162	ug/L	100
29) Cyclohexane	4.593	56	8592	2.010	ug/L #	88
30) 1,1,1-Trichloroethane	4.522	97	10729	2.354	ug/L	99
31) Carbon tetrachloride	4.741	117	9504m	2.376	ug/L	
33) Benzene	5.021	78	24763	2.288	ug/L	100
34) Trichloroethene	5.844	95	6776	2.300	ug/L	96
35) Methylcyclohexane	6.059	83	10087	2.157	ug/L	97
37) 1,2-Dichloropropane	6.101	63	6715	2.356	ug/L #	95
38) Bromodichloromethane	6.442	83	8839	2.309	ug/L	96
39) cis-1,3-Dichloropropene	6.966	75	10026	2.092	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	13712	3.870	ug/L	96
42) Toluene	7.323	91	26708	2.255	ug/L	100
44) trans-1,3-Dichloropropene	7.593	75	10436m	2.395	ug/L	
45) 1,1,2-Trichloroethane	7.776	97	6838	2.311	ug/L	96
46) Tetrachloroethene	7.915	164	5600	2.261	ug/L	93
49) Dibromochloromethane	8.185	129	7203	2.348	ug/L	93
50) 1,2-Dibromoethane	8.291	107	7236	2.230	ug/L #	94
51) Chlorobenzene	8.821	112	18454	2.338	ug/L	100
52) Ethylbenzene	8.956	91	28242	2.154	ug/L	98
53) m,p-Xylene	9.082	106	10782	2.152	ug/L	92
54) o-Xylene	9.487	106	10197	2.112	ug/L	84
55) Styrene	9.506	104	16223	1.967	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	11560	2.390	ug/L #	95
59) Bromoform	9.673	173	5385	2.476	ug/L	98
60) Isopropylbenzene	9.876	105	26816	2.053	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	7893	2.172	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	20836	1.926	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	19650	1.848	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	15000	2.279	ug/L	96
65) 1,4-Dichlorobenzene	11.220	146	16073	2.386	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	16212	2.474	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.377	75	2368	2.233	ug/L	97
69) 1,3,5-Trichlorobenzene	12.593	180	11695	2.227	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	9802	1.985	ug/L	93
71) Naphthalene	13.451	128	24320	1.698	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	9671	1.996	ug/L	94

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

