

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081822\
 Data File : VW027423.D
 Acq On : 17 Aug 2022 17:23
 Operator : SY/MD
 Sample : N4015-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Aug 18 02:32:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 02:23:52 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/30/2022
 Supervised By :Semsettin Yesilyurt 08/30/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	288048	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	290715	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	135590	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	93472	47.596	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.200%		
7) Chloroethane-d5	1.564	69	67694	47.151	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.300%		
11) 1,1-Dichloroethene-d2	2.105	63	158434	44.105	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.220%		
21) 2-Butanone-d5	3.879	46	142935	81.767	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.770%		
24) Chloroform-d	4.342	84	186795	46.435	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.860%		
26) 1,2-Dichloroethane-d4	5.027	65	122598	49.086	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.180%		
32) Benzene-d6	5.047	84	369128	52.948	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.900%		
36) 1,2-Dichloropropane-d6	6.066	67	123210	49.683	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.360%		
41) Toluene-d8	7.313	98	302487	50.903	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.800%		
43) trans-1,3-Dichloroprop...	7.619	79	48756	45.106	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.220%		
47) 2-Hexanone-d5	8.088	63	87311	73.099	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	73.100%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	158607	39.246	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	78.500%		
66) 1,2-Dichlorobenzene-d4	11.622	152	108644	46.399	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.800%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	5569	2.173	ug/L	98
3) Chloromethane	1.240	50	5771	1.971	ug/L	94
5) Vinyl chloride	1.310	62	5771	1.979	ug/L #	62
6) Bromomethane	1.519	94	2817	2.049	ug/L	95
8) Chloroethane	1.584	64	3262m	2.008	ug/L	
9) Trichlorofluoromethane	1.751	101	9157	2.447	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	6941	3.345	ug/L #	86
12) 1,1-Dichloroethene	2.114	96	6244	3.128	ug/L #	1
13) Acetone	2.172	43	8065	5.983	ug/L	85
14) Carbon disulfide	2.294	76	12391	1.824	ug/L	95
15) Methyl Acetate	2.436	43	6843	2.232	ug/L #	87
16) Methylene chloride	2.503	84	8914	3.344	ug/L	85
17) trans-1,2-Dichloroethene	2.761	96	4762m	2.156	ug/L	
18) Methyl tert-butyl Ether	2.770	73	14973	2.279	ug/L #	90
19) 1,1-Dichloroethane	3.188	63	10656	2.403	ug/L	98
20) cis-1,2-Dichloroethene	3.908	96	5778	2.518	ug/L	100
22) 2-Butanone	4.005	43	9156m	4.955	ug/L	
23) Bromochloromethane	4.249	128	3106m	2.424	ug/L	
25) Chloroform	4.371	83	18548	4.139	ug/L	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081822\
 Data File : VV027423.D
 Acq On : 17 Aug 2022 17:23
 Operator : SY/MD
 Sample : N4015-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Aug 18 02:32:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 02:23:52 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/30/2022
 Supervised By :Semsettin Yesilyurt 08/30/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	10062m	2.883	ug/L	
29) Cyclohexane	4.674	56	6428	1.920	ug/L #	54
30) 1,1,1-Trichloroethane	4.603	97	9514	2.469	ug/L	96
31) Carbon tetrachloride	4.825	117	8256	2.468	ug/L	98
33) Benzene	5.101	78	21300	2.280	ug/L	100
35) Methylcyclohexane	6.127	83	7628	2.169	ug/L #	77
37) 1,2-Dichloropropane	6.175	63	6126m	2.341	ug/L	
38) Bromodichloromethane	6.516	83	8533	2.488	ug/L	86
39) cis-1,3-Dichloropropene	7.034	75	8578m	2.474	ug/L	
40) 4-Methyl-2-pentanone	7.230	43	15123	4.050	ug/L #	82
42) Toluene	7.391	91	21604	2.274	ug/L	96
44) trans-1,3-Dichloropropene	7.657	75	8211m	2.410	ug/L	
45) 1,1,2-Trichloroethane	7.841	97	6123	2.427	ug/L	95
46) Tetrachloroethene	7.979	164	4032	2.303	ug/L	91
48) 2-Hexanone	8.146	43	19756m	6.644	ug/L	
49) Dibromochloromethane	8.246	129	6510	2.441	ug/L	87
50) 1,2-Dibromoethane	8.358	107	6121	2.358	ug/L #	95
51) Chlorobenzene	8.883	112	14371	2.256	ug/L	95
52) Ethylbenzene	9.014	91	19617	2.001	ug/L	98
53) m,p-Xylene	9.143	106	7396	1.997	ug/L	94
54) o-Xylene	9.545	106	7048	1.953	ug/L	91
55) Styrene	9.567	104	10662	1.677	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.239	83	11152	2.639	ug/L #	98
59) Bromoform	9.731	173	4348	2.699	ug/L #	74
60) Isopropylbenzene	9.931	105	17040	1.994	ug/L	98
61) 1,2,3-Trichloropropane	10.272	75	7829	2.515	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	13166	1.866	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	12645	1.829	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	9072	2.191	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	10368	2.379	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	11688	2.694	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.429	75	2156	2.469	ug/L	90
69) 1,3,5-Trichlorobenzene	12.644	180	6644	2.389	ug/L	96
70) 1,2,4-trichlorobenzene	13.262	180	5321	2.303	ug/L	98
71) Naphthalene	13.503	128	15597	1.972	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	5847	2.283	ug/L	91

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081822\
Data File : VV027423.D
Acq On : 17 Aug 2022 17:23
Operator : SY/MD
Sample : N4015-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Aug 18 02:32:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 18 02:23:52 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/30/2022
Supervised By :Semsettin Yesilyurt 08/30/2022

