

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020323\
 Data File : VX034003.D
 Acq On : 03 Feb 2023 10:42
 Operator : JC/MD
 Sample : 01378-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Feb 04 03:32:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM020223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 04 03:17:09 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	230472	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	198955	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	104798	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	63400	41.305	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.620%		
7) Chloroethane-d5	1.672	69	43911	47.123	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.240%		
11) 1,1-Dichloroethene-d2	2.306	63	99924	35.528	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.060%		
21) 2-Butanone-d5	4.446	46	85773	97.467	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.470%		
24) Chloroform-d	5.050	84	129117	46.895	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.800%		
26) 1,2-Dichloroethane-d4	5.952	65	80762	48.615	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.240%		
32) Benzene-d6	5.970	84	273973	48.039	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.080%		
36) 1,2-Dichloropropane-d6	7.306	67	82672	49.032	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.060%		
41) Toluene-d8	8.647	98	255937	47.307	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.620%		
43) trans-1,3-Dichloroprop...	8.946	79	35623	46.556	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.120%		
47) 2-Hexanone-d5	9.378	63	61262	96.890	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.890%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	102600	48.528	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.060%		
66) 1,2-Dichlorobenzene-d4	12.317	152	105130	50.119	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.240%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	4700	2.741	ug/L	99
3) Chloromethane	1.294	50	4232	2.704	ug/L	98
5) Vinyl chloride	1.374	62	4683	2.959	ug/L #	76
6) Bromomethane	1.611	94	2281	2.779	ug/L	97
8) Chloroethane	1.691	64	2373	2.821	ug/L	95
9) Trichlorofluoromethane	1.892	101	6480	2.889	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	5467	3.524	ug/L	86
12) 1,1-Dichloroethene	2.319	96	4963	3.498	ug/L #	1
13) Acetone	2.380	43	5162	5.702	ug/L	99
14) Carbon disulfide	2.514	76	10484	2.730	ug/L #	94
15) Methyl Acetate	2.703	43	4037	2.799	ug/L	98
16) Methylene chloride	2.782	84	4859	3.234	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	4138	2.825	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	11980	2.809	ug/L #	90
19) 1,1-Dichloroethane	3.605	63	6951	2.719	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	4927	2.943	ug/L	98
22) 2-Butanone	4.556	43	6510	5.787	ug/L	76
23) Bromochloromethane	4.897	128	2565	2.791	ug/L #	77
27) 1,2-Dichloroethane	6.080	62	6047	2.984	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020323\
 Data File : VX034003.D
 Acq On : 03 Feb 2023 10:42
 Operator : JC/MD
 Sample : 01378-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Feb 04 03:32:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 04 03:17:09 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.464	56	6911	2.840	ug/L	99
30) 1,1,1-Trichloroethane	5.373	97	6190	2.753	ug/L	97
31) Carbon tetrachloride	5.672	117	5779	2.762	ug/L	98
33) Benzene	6.038	78	17323	2.928	ug/L	100
34) Trichloroethene	7.117	95	4661	2.907	ug/L	87
35) Methylcyclohexane	7.379	83	7408	2.897	ug/L	97
37) 1,2-Dichloropropane	7.428	63	4367	2.898	ug/L	98
38) Bromodichloromethane	7.824	83	5309	2.771	ug/L	93
39) cis-1,3-Dichloropropene	8.366	75	6042	2.612	ug/L	94
40) 4-Methyl-2-pentanone	8.574	43	9429	5.085	ug/L	99
42) Toluene	8.714	91	18320	2.895	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	5349m	2.599	ug/L	
45) 1,1,2-Trichloroethane	9.153	97	4265	2.796	ug/L	94
46) Tetrachloroethene	9.275	164	4445	2.887	ug/L	94
49) Dibromochloromethane	9.519	129	4579	2.782	ug/L	100
50) 1,2-Dibromoethane	9.610	107	4568	2.787	ug/L #	99
51) Chlorobenzene	10.079	112	12332	2.884	ug/L	98
52) Ethylbenzene	10.195	91	19760	2.841	ug/L	97
53) m,p-Xylene	10.299	106	7708	2.761	ug/L	99
54) o-Xylene	10.640	106	7407	2.746	ug/L	92
55) Styrene	10.659	104	12079	2.670	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	6593	3.075	ug/L	93
59) Bromoform	10.799	173	3225	2.529	ug/L	99
60) Isopropylbenzene	10.963	105	19781	2.889	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	4771	2.999	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	15393	2.747	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	14967	2.710	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	9592	2.818	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	10239	2.972	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	9798	2.943	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	880m	2.258	ug/L	
69) 1,3,5-Trichlorobenzene	13.116	180	7003	2.728	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	6135	2.632	ug/L	99
71) Naphthalene	13.774	128	15994	2.479	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	6367	2.767	ug/L	96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020323\
 Data File : VX034003.D
 Acq On : 03 Feb 2023 10:42
 Operator : JC/MD
 Sample : 01378-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Feb 04 03:32:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 04 03:17:09 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023

