

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111419\
 Data File : VY000683.D
 Acq On : 14 Nov 2019 20:04
 Operator : SY/MD
 Sample : MDL4
 Misc : 5ML/MSVOA Y/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL4

Manual Integrations
 APPROVED

MMDadoda
 11/15/2019 3:05:11 PM

Quant Time: Nov 15 12:14:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOMYLM111419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 15 12:09:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	310325	50.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	281217	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	129462	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	124193	50.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.90%
7) Chloroethane-d5	2.76	69	106462	52.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.96%
11) 1,1-Dichloroethene-d2	3.85	63	166550	39.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.52%
21) 2-Butanone-d5	6.91	46	116559	121.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.22%
24) Chloroform-d	7.49	84	202729	57.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.42%
26) 1,2-Dichloroethane-d4	8.15	65	135566	54.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.40%
32) Benzene-d6	8.12	84	427153	54.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.64%
36) 1,2-Dichloropropane-d6	9.13	67	133481	55.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.02%
41) Toluene-d8	10.18	98	378082	51.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.84%
43) trans-1,3-Dichloropropene-	10.44	79	65342	53.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.64%
47) 2-Hexanone-d5	10.79	63	81442	113.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.85%
57) 1,1,2,2-Tetrachloroethane-	12.56	84	149744	52.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.64%
64) 1,2-Dichlorobenzene-d4	13.72	152	137660	54.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.92%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.90	85	2683	1.514	ug/L	93
3) Chloromethane	2.11	50	4714	2.000	ug/L	89
5) Vinyl chloride	2.25	62	4907	2.077	ug/L #	57
6) Bromomethane	2.66	94	2848	2.096	ug/L	93
9) Trichlorofluoromethane	3.13	101	5777	1.656	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	3.91	101	3602m	1.850	ug/L	
12) 1,1-Dichloroethene	3.86	96	5197	2.668	ug/L #	1
13) Acetone	3.96	43	4040	5.836	ug/L	69
14) Carbon disulfide	4.19	76	10642	1.981	ug/L #	95
15) Methyl Acetate	4.48	43	3507	2.016	ug/L #	61
16) Methylene chloride	4.72	84	4869	2.338	ug/L #	78
17) trans-1,2-Dichloroethene	5.22	96	3807m	1.872	ug/L	
18) Methyl tert-butyl Ether	5.23	73	12241m	1.999	ug/L	
19) 1,1-Dichloroethane	6.02	63	7281	1.991	ug/L	98
20) cis-1,2-Dichloroethene	7.00	96	4539m	1.991	ug/L	
22) 2-Butanone	7.00	43	4905	4.503	ug/L #	70
23) Bromochloromethane	7.35	128	1702	1.619	ug/L #	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111419\
 Data File : VY000683.D
 Acq On : 14 Nov 2019 20:04
 Operator : SY/MD
 Sample : MDL4
 Misc : 5ML/MSVOA Y/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL4

Manual Integrations
 APPROVED

MMDadoda
 11/15/2019 3:05:11 PM

Quant Time: Nov 15 12:14:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOMYLM111419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 15 12:09:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.52	83	11959	2.857	ug/L	85
27) 1,2-Dichloroethane	8.24	62	6194	2.167	ug/L #	92
29) Cyclohexane	7.79	56	4679	1.425	ug/L #	82
30) 1,1,1-Trichloroethane	7.72	97	5382	1.752	ug/L	92
31) Carbon tetrachloride	7.91	117	4604m	1.674	ug/L	
33) Benzene	8.17	78	15925	1.901	ug/L	100
34) Trichloroethene	8.94	95	4159	1.977	ug/L	82
35) Methylcyclohexane	9.19	83	4439	1.278	ug/L #	88
37) 1,2-Dichloropropane	9.22	63	4223	2.032	ug/L #	88
38) Bromodichloromethane	9.50	83	5472	1.960	ug/L #	98
39) cis-1,3-Dichloropropene	9.93	75	6597	1.868	ug/L	83
40) 4-Methyl-2-pentanone	10.08	43	8763	3.676	ug/L #	94
42) Toluene	10.24	91	16958	1.912	ug/L	94
44) trans-1,3-Dichloropropene	10.47	75	5837m	1.888	ug/L	
45) 1,1,2-Trichloroethane	10.64	97	4125	2.092	ug/L	93
46) Tetrachloroethene	10.72	164	3236	1.988	ug/L #	89
48) 2-Hexanone	10.83	43	8736	5.076	ug/L	99
49) Dibromochloromethane	10.98	129	4043	1.893	ug/L	80
50) 1,2-Dibromoethane	11.08	107	4160	2.108	ug/L	91
51) Chlorobenzene	11.51	112	10963	1.919	ug/L	94
52) Ethylbenzene	11.59	91	16465	1.627	ug/L	94
53) m,p-Xylene	11.70	106	7026	1.805	ug/L	81
54) o-xylene	12.02	106	6484	1.699	ug/L	80
55) Styrene	12.04	104	10472	1.615	ug/L	99
56) Isopropylbenzene	12.33	105	15124	1.549	ug/L	97
58) 1,1,2,2-Tetrachloroethane	12.58	83	5986	2.146	ug/L #	92
59) 1,2,3-Trichloropropane	12.63	75	4103	1.860	ug/L	97
61) Bromoform	12.20	173	2450	1.869	ug/L #	97
62) 1,3-Dichlorobenzene	13.36	146	8193	2.018	ug/L	89
63) 1,4-Dichlorobenzene	13.44	146	8658	2.081	ug/L	93
65) 1,2-Dichlorobenzene	13.73	146	8598	2.150	ug/L #	77
66) 1,2-Dibromo-3-chloropropan	14.35	75	999m	2.068	ug/L	
67) 1,3,5-Trichlorobenzene	14.50	180	5518	1.947	ug/L	96
68) 1,2,4-trichlorobenzene	15.00	180	5084	1.913	ug/L	95
69) Naphthalene	15.23	128	15484	1.949	ug/L	98
70) 1,2,3-Trichlorobenzene	15.42	180	5004	1.956	ug/L	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY111419\
Data File : VY000683.D
Acq On : 14 Nov 2019 20:04
Operator : SY/MD
Sample : MDL4
Misc : 5ML/MSVOA Y/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MDL4

Manual Integrations
APPROVED

MMDadoda
11/15/2019 3:05:11 PM

Quant Time: Nov 15 12:14:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SOMYLM111419WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 15 12:09:40 2019
Response via : Initial Calibration

