

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120220\
 Data File : VY003645.D
 Acq On : 02 Dec 2020 12:21
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

MMDadoda
 12/3/2020 2:03:04 PM

Quant Time: Dec 03 01:28:32 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120120SMA.M

Quant Title : VOC Analysis

QLast Update : Thu Dec 03 01:24:53 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	197145	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	184274	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	88021	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	56959	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.44%
7) Chloroethane-d5	2.77	69	46130	23.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.32%
11) 1,1-Dichloroethene-d2	3.86	63	89896	17.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.12%
21) 2-Butanone-d5	6.90	46	57385	51.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.78%
24) Chloroform-d	7.49	84	112835	22.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.24%
26) 1,2-Dichloroethane-d4	8.15	65	62734	23.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.68%
32) Benzene-d6	8.12	84	243781	23.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.12%
36) 1,2-Dichloropropane-d6	9.12	67	73165	22.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.76%
41) Toluene-d8	10.18	98	214303	22.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.64%
43) trans-1,3-Dichloropropene-	10.44	79	33026	22.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.48%
47) 2-Hexanone-d5	10.79	63	42305	49.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.28%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	73416	22.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.04%
66) 1,2-Dichlorobenzene-d4	13.72	152	75369	24.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.52%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.91	85	3289	1.437 ug/L	99
3) Chloromethane	2.12	50	3495	1.408 ug/L	97
5) Vinyl chloride	2.26	62	3885	1.459 ug/L #	80
6) Bromomethane	2.66	94	2567	1.540 ug/L	91
8) Chloroethane	2.80	64	2260	1.359 ug/L	99
9) Trichlorofluoromethane	3.14	101	5885	1.456 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	3.91	101	3648	1.352 ug/L #	50
12) 1,1-Dichloroethene	3.89	96	4406m	1.719 ug/L	
13) Acetone	3.96	43	2716	3.427 ug/L	85
14) Carbon disulfide	4.21	76	11339	1.339 ug/L	95
15) Methyl Acetate	4.49	43	2736	1.434 ug/L	95
16) Methylene chloride	4.73	84	10327	3.103 ug/L	96
17) trans-1,2-Dichloroethene	5.23	96	3944	1.401 ug/L #	72
18) Methyl tert-butyl Ether	5.23	73	8646m	1.257 ug/L	
19) 1,1-Dichloroethane	6.04	63	6213m	1.311 ug/L	
20) cis-1,2-Dichloroethene	6.99	96	4041m	1.369 ug/L	
22) 2-Butanone	6.99	43	5773m	4.333 ug/L	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120220\
 Data File : VY003645.D
 Acq On : 02 Dec 2020 12:21
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

MMDadoda
 12/3/2020 2:03:04 PM

Quant Time: Dec 03 01:28:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120120SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 03 01:24:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.35	128	1717	1.193	ug/L	82
25) Chloroform	7.51	83	6913	1.456	ug/L	94
27) 1,2-Dichloroethane	8.25	62	4361	1.396	ug/L #	95
29) Cyclohexane	7.79	56	5105	1.167	ug/L #	88
30) 1,1,1-Trichloroethane	7.71	97	5648	1.344	ug/L #	89
31) Carbon tetrachloride	7.91	117	5277	1.392	ug/L	97
33) Benzene	8.17	78	15107	1.341	ug/L	100
34) Trichloroethene	8.95	95	3803m	1.353	ug/L	
35) Methylcyclohexane	9.19	83	5749	1.196	ug/L	93
37) 1,2-Dichloropropane	9.22	63	3758	1.315	ug/L #	96
38) Bromodichloromethane	9.50	83	4733	1.315	ug/L #	97
39) cis-1,3-Dichloropropene	9.93	75	5590	1.266	ug/L	90
40) 4-Methyl-2-pentanone	10.07	43	7498	2.987	ug/L	99
42) Toluene	10.25	91	15395	1.301	ug/L	86
44) trans-1,3-Dichloropropene	10.47	75	6397	1.569	ug/L	97
45) 1,1,2-Trichloroethane	10.65	97	3176	1.323	ug/L	87
46) Tetrachloroethene	10.72	164	3488	1.450	ug/L	86
48) 2-Hexanone	10.83	43	5081	2.773	ug/L	98
49) Dibromochloromethane	10.98	129	3484	1.256	ug/L	93
50) 1,2-Dibromoethane	11.09	107	2868	1.235	ug/L #	95
51) Chlorobenzene	11.51	112	10454	1.371	ug/L	92
52) Ethylbenzene	11.59	91	15420	1.218	ug/L	99
53) m,p-Xylene	11.70	106	5786	1.169	ug/L	99
54) o-Xylene	12.03	106	5582	1.194	ug/L	83
55) Styrene	12.04	104	9036	1.129	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.58	83	4227	1.329	ug/L #	95
59) Bromoform	12.21	173	2324	1.345	ug/L	99
60) Isopropylbenzene	12.33	105	13385	1.190	ug/L	97
61) 1,2,3-Trichloropropane	12.64	75	2948	1.401	ug/L	95
62) 1,3,5-Trimethylbenzene	12.81	105	10405	1.166	ug/L	98
63) 1,2,4-Trimethylbenzene	13.12	105	9897	1.123	ug/L	99
64) 1,3-Dichlorobenzene	13.36	146	7163	1.316	ug/L	98
65) 1,4-Dichlorobenzene	13.45	146	7281	1.316	ug/L	93
67) 1,2-Dichlorobenzene	13.74	146	7032	1.376	ug/L	97
68) 1,2-Dibromo-3-chloropropan	14.35	75	824m	1.687	ug/L	
69) 1,3,5-Trichlorobenzene	14.50	180	4942	1.292	ug/L	99
70) 1,2,4-trichlorobenzene	15.00	180	4203	1.290	ug/L	97
71) Naphthalene	15.23	128	8118	1.141	ug/L	99
72) 1,2,3-Trichlorobenzene	15.42	180	3933	1.314	ug/L	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120220\
Data File : VY003645.D
Acq On : 02 Dec 2020 12:21
Operator : SY/MD
Sample : MDL01
Misc : 5.00G/10ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
MDL01

Manual Integrations
APPROVED

MMDadoda
12/3/2020 2:03:04 PM

Quant Time: Dec 03 01:28:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120120SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 03 01:24:53 2020
Response via : Initial Calibration

