Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121020\
Data File : VY003712.D
Acq On : 10 Dec 2020 11:34
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VSTD02592

Quant Time: Dec 11 00:40:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 10 09:06:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	226254	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.50	117	218650	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	115401	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	69164	21.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.48%			
7) Chloroethane-d5	2.77	69	56178	23.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.08%			
10) 1,1-Dichloroethene-d2	3.87	63	137476	22.83	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.32%			
20) 2-Butanone-d5	6.90	46	43149	37.83	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 75.66%			
24) Chloroform-d	7.49	84	140655	24.16	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.64%			
26) 1,2-Dichloroethane-d4	8.15	65	77049	23.52	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.08%			
29) Benzene-d6	8.12	84	299058	23.62	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.48%			
33) 1,2-Dichloropropane-d6	9.12	67	87346	23.32	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.28%			
37) Toluene-d8	10.18	98	277274	24.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.76%			
38) trans-1,3-Dichloropropene-	10.44	79	42521	23.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.00%			
39) 2-Hexanone-d5	10.79	63	37429	39.88	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.76%			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	80938	24.25	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.00%			
61) 1,2-Dichlorobenzene-d4	13.73	152	101827	24.29	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.16%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	61894	24.342	ug/L	99
3) Chloromethane	2.12	50	66964	24.267	ug/L	95
5) Vinyl chloride	2.26	62	72428	24.823	ug/L	99
6) Bromomethane	2.67	94	45531	24.133	ug/L	97
8) Chloroethane	2.81	64	45932	25.854	ug/L	96
9) Trichlorofluoromethane	3.14	101	116335	26.041	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	3.92	101	75001	26.116	ug/L	100
12) 1,1-Dichloroethene	3.89	96	70068	25.878	ug/L	91
13) Acetone	3.96	43	35085	41.960	ug/L	98
14) Carbon disulfide	4.21	76	226890	25.141	ug/L	98
15) Methyl Acetate	4.48	43	44908	21.345	ug/L	98
16) Methylene chloride	4.73	84	83038	20.902	ug/L	98
17) Methyl tert-butyl Ether	5.23	73	189600	24.703	ug/L	100
18) trans-1,2-Dichloroethene	5.24	96	77058	25.275	ug/L	94
19) 1,1-Dichloroethane	6.03	63	127917	24.993	ug/L	98
21) 2-Butanone	7.00	43	57529	38.964	ug/L	94
22) cis-1,2-Dichloroethene	7.00	96	83206	25.610	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121020\
Data File : VY003712.D
Acq On : 10 Dec 2020 11:34
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VSTD02592

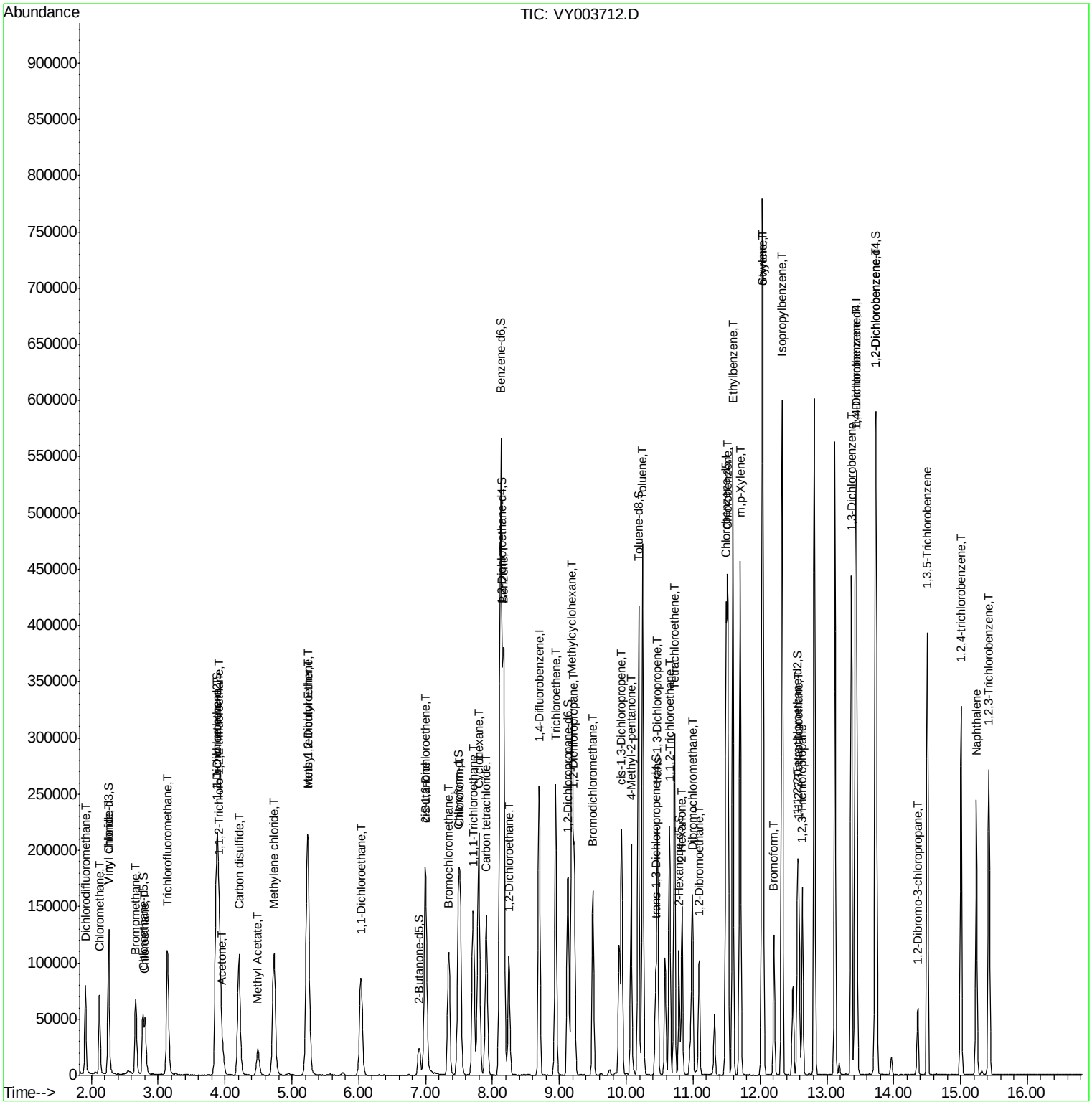
Quant Time: Dec 11 00:40:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 10 09:06:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.35	128	40888	25.210 ug/L	92
25) Chloroform	7.51	83	133180	25.705 ug/L	100
27) 1,2-Dichloroethane	8.25	62	89031	25.404 ug/L	99
30) Cyclohexane	7.79	56	116309	24.691 ug/L	98
31) 1,1,1-Trichloroethane	7.72	97	119617	25.665 ug/L	99
32) Carbon tetrachloride	7.91	117	109178	26.388 ug/L	98
34) Benzene	8.17	78	315911	25.257 ug/L	100
35) Trichloroethene	8.95	95	83523	24.322 ug/L	99
36) Methylcyclohexane	9.18	83	134840	25.622 ug/L	99
40) 1,2-Dichloropropane	9.22	63	79058	25.202 ug/L	100
41) Bromodichloromethane	9.50	83	101368	25.433 ug/L	99
42) cis-1,3-Dichloropropene	9.93	75	126314	25.581 ug/L	100
43) 4-Methyl-2-pentanone	10.07	43	126335	42.874 ug/L	98
44) Toluene	10.25	91	345378	26.177 ug/L	99
45) trans-1,3-Dichloropropene	10.47	75	114892	25.244 ug/L	100
46) 1,1,2-Trichloroethane	10.65	97	66493	24.585 ug/L	97
47) Tetrachloroethene	10.72	164	68360	25.561 ug/L	94
49) 2-Hexanone	10.84	43	90394	43.650 ug/L	99
50) Dibromochloromethane	10.99	129	81027	25.599 ug/L	97
51) 1,2-Dibromoethane	11.09	107	65367	24.977 ug/L	99
52) Chlorobenzene	11.52	112	223844	25.779 ug/L	97
53) Ethylbenzene	11.59	91	372698	25.883 ug/L	99
54) m,p-Xylene	11.70	106	146641	26.398 ug/L	96
55) o-xylene	12.03	106	141116	26.479 ug/L	96
56) Styrene	12.04	104	245182	26.880 ug/L	97
57) Isopropylbenzene	12.33	105	370549	26.594 ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.58	83	76371	26.337 ug/L	97
59) 1,2,3-Trichloropropane	12.64	75	62631	24.158 ug/L	100
62) Bromoform	12.21	173	53897	24.741 ug/L	99
63) 1,3-Dichlorobenzene	13.37	146	177815	25.910 ug/L	98
64) 1,4-Dichlorobenzene	13.45	146	180471	25.868 ug/L	99
65) 1,2-Dichlorobenzene	13.74	146	164547	26.135 ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.35	75	13386	22.823 ug/L	90
67) 1,3,5-Trichlorobenzene	14.50	180	122249	25.196 ug/L	100
68) 1,2,4-trichlorobenzene	15.01	180	101386	24.495 ug/L	99
69) Naphthalene	15.24	128	200171	23.058 ug/L	99
70) 1,2,3-Trichlorobenzene	15.42	180	92865	24.562 ug/L	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121020\
Data File : VY003712.D
Acq On : 10 Dec 2020 11:34
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VSTD02592

Quant Time: Dec 11 00:40:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 10 09:06:34 2020
Response via : Initial Calibration