Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122220\
Data File : VY003835.D
Acq On : 22 Dec 2020 14:13
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VSTD025415

Quant Time: Dec 23 00:31:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM120720SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 23 00:29:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	270823	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.49	117	252730	25.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	138328	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.25	65	55898	19.82	ug/L		0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.28%				
7) Chloroethane-d5	2.77	69	52642	23.27	ug/L		0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.08%				
11) 1,1-Dichloroethene-d2	3.86	63	130071	21.94	ug/L		0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.76%				
21) 2-Butanone-d5	6.90	46	66827	48.84	ug/L		0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.68%				
24) Chloroform-d	7.48	84	150556	24.97	ug/L		0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.88%				
26) 1,2-Dichloroethane-d4	8.15	65	84153	25.22	ug/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.88%				
32) Benzene-d6	8.12	84	301225	24.07	ug/L		0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.28%				
36) 1,2-Dichloropropane-d6	9.12	67	77644	20.41	ug/L		0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 81.64%				
41) Toluene-d8	10.18	98	281190	24.97	ug/L		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.88%				
43) trans-1,3-Dichloropropene-	10.44	79	44316	24.30	ug/L		0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.20%				
47) 2-Hexanone-d5	10.79	63	57408	53.34	ug/L		0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.68%				
56) 1,1,2,2-Tetrachloroethane-	12.56	84	95581	27.21	ug/L		0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 108.84%				
66) 1,2-Dichlorobenzene-d4	13.72	152	114101	25.39	ug/L		0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.56%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.91	85	70499	24.872	ug/L		99
3) Chloromethane	2.12	50	79121	24.336	ug/L		99
5) Vinyl chloride	2.26	62	86797	26.475	ug/L		92
6) Bromomethane	2.66	94	54348	25.779	ug/L		81
8) Chloroethane	2.80	64	53688	26.194	ug/L		90
9) Trichlorofluoromethane	3.14	101	135832	26.439	ug/L		100
10) 1,1,2-Trichloro-1,2,2-trif	3.91	101	86380	25.532	ug/L	#	74
12) 1,1-Dichloroethene	3.88	96	83136	25.795	ug/L		92
13) Acetone	3.95	43	45093	48.076	ug/L	#	55
14) Carbon disulfide	4.20	76	255577	24.509	ug/L		99
15) Methyl Acetate	4.48	43	53574	22.548	ug/L	#	78
16) Methylene chloride	4.73	84	97518	20.596	ug/L		95
17) trans-1,2-Dichloroethene	5.23	96	91327	25.403	ug/L		93
18) Methyl tert-butyl Ether	5.23	73	230447	25.395	ug/L	#	93
19) 1,1-Dichloroethane	6.03	63	145642	24.396	ug/L		95
20) cis-1,2-Dichloroethene	7.00	96	100531	26.100	ug/L		76
22) 2-Butanone	6.99	43	71270	42.985	ug/L		80

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122220\
Data File : VY003835.D
Acq On : 22 Dec 2020 14:13
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VSTD025415

Quant Time: Dec 23 00:31:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM120720SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 23 00:29:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.34	128	49604	25.880	ug/L		88
25) Chloroform	7.51	83	157854	25.907	ug/L		98
27) 1,2-Dichloroethane	8.24	62	104702	25.589	ug/L		98
29) Cyclohexane	7.79	56	127901	23.735	ug/L		89
30) 1,1,1-Trichloroethane	7.71	97	143647	27.314	ug/L		98
31) Carbon tetrachloride	7.90	117	131235	27.558	ug/L		94
33) Benzene	8.17	78	368841	25.806	ug/L		100
34) Trichloroethene	8.94	95	96927	25.200	ug/L		93
35) Methylcyclohexane	9.18	83	151659	25.033	ug/L		96
37) 1,2-Dichloropropane	9.22	63	81711	22.879	ug/L		100
38) Bromodichloromethane	9.50	83	119025	26.051	ug/L	#	90
39) cis-1,3-Dichloropropene	9.93	75	148699	26.397	ug/L		98
40) 4-Methyl-2-pentanone	10.07	43	154431	47.773	ug/L		98
42) Toluene	10.25	91	406136	26.676	ug/L		100
44) trans-1,3-Dichloropropene	10.46	75	137968	26.299	ug/L		95
45) 1,1,2-Trichloroethane	10.64	97	80687	25.880	ug/L		93
46) Tetrachloroethene	10.72	164	83594	27.050	ug/L		94
48) 2-Hexanone	10.83	43	110829	49.160	ug/L	#	94
49) Dibromochloromethane	10.98	129	96983	26.992	ug/L		90
50) 1,2-Dibromoethane	11.09	107	75933	25.236	ug/L	#	97
51) Chlorobenzene	11.51	112	267338	26.567	ug/L		94
52) Ethylbenzene	11.59	91	444758	27.080	ug/L		98
53) m,p-Xylene	11.70	106	176876	27.539	ug/L		98
54) o-Xylene	12.03	106	169316	27.586	ug/L		99
55) Styrene	12.04	104	294122	28.056	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.58	83	94177	27.841	ug/L		99
59) Bromoform	12.21	173	68062	26.403	ug/L	#	94
60) Isopropylbenzene	12.33	105	445564	26.486	ug/L		100
61) 1,2,3-Trichloropropane	12.64	75	75285	24.397	ug/L		97
62) 1,3,5-Trimethylbenzene	12.81	105	363715	27.264	ug/L		99
63) 1,2,4-Trimethylbenzene	13.12	105	356224	26.883	ug/L		99
64) 1,3-Dichlorobenzene	13.37	146	217524	26.677	ug/L		94
65) 1,4-Dichlorobenzene	13.45	146	218097	26.413	ug/L		96
67) 1,2-Dichlorobenzene	13.74	146	203042	26.774	ug/L		96
68) 1,2-Dibromo-3-chloropropan	14.35	75	18087	26.682	ug/L		85
69) 1,3,5-Trichlorobenzene	14.50	180	156556	27.089	ug/L		96
70) 1,2,4-trichlorobenzene	15.01	180	133428	27.160	ug/L		94
71) Naphthalene	15.23	128	277218	26.589	ug/L		98
72) 1,2,3-Trichlorobenzene	15.42	180	120448	26.734	ug/L		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122220\
Data File : VY003835.D
Acq On : 22 Dec 2020 14:13
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025415

Quant Time: Dec 23 00:31:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM120720SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 23 00:29:22 2020
Response via : Initial Calibration