Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120721\
Data File : VY007003.D
Acq On : 07 Dec 2021 18:00
Operator : SY/MD
Sample : M4887-17MS
Misc : 5.37g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EX8D0MS

Quant Time: Dec 08 02:57:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120721SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 08 02:54:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	131851	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	145940	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	72312	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.253	65	35666	12.033	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 48.120%			
7) Chloroethane-d5	2.772	69	30501	13.458	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 53.840%			
11) 1,1-Dichloroethene-d2	3.863	63	71849	15.708	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 62.840%			
21) 2-Butanone-d5	6.893	46	34296	39.944	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.880%			
24) Chloroform-d	7.478	84	78694	18.824	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 75.280%			
26) 1,2-Dichloroethane-d4	8.143	65	48136	19.235	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 76.920%			
32) Benzene-d6	8.112	84	133954	14.041	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 56.160%			
36) 1,2-Dichloropropane-d6	9.124	67	52827	16.423	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 65.680%#			
41) Toluene-d8	10.179	98	114142	12.962	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 51.840%			
43) trans-1,3-Dichloroprop...	10.435	79	24140	16.215	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 64.880%			
47) 2-Hexanone-d5	10.788	63	24712	33.429	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 66.860%			
56) 1,1,2,2-Tetrachloroeth...	12.562	84	54557	19.815	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 79.280%			
66) 1,2-Dichlorobenzene-d4	13.721	152	58719	21.122	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.918	85	22356	24.951	ug/L	90
3) Chloromethane	2.113	50	50271	22.581	ug/L	100
5) Vinyl chloride	2.259	62	86296	24.262	ug/L	97
6) Bromomethane	2.668	94	51192	24.530	ug/L	97
8) Chloroethane	2.808	64	51003	24.666	ug/L	100
9) Trichlorofluoromethane	3.131	101	61402	27.130	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.912	101	47265	24.605	ug/L	95
12) 1,1-Dichloroethene	3.881	96	48361	24.598	ug/L #	65
13) Acetone	3.948	43	33133	44.676	ug/L	99
14) Carbon disulfide	4.198	76	157827	25.041	ug/L	97
15) Methyl Acetate	4.485	43	37296	24.058	ug/L #	68
16) Methylene chloride	4.722	84	62269	22.673	ug/L	99
17) trans-1,2-Dichloroethene	5.222	96	52866	25.837	ug/L	94
18) Methyl tert-butyl Ether	5.222	73	105631	26.376	ug/L #	85
19) 1,1-Dichloroethane	6.021	63	112471	26.048	ug/L	98
20) cis-1,2-Dichloroethene	6.984	96	60429	26.782	ug/L	96
22) 2-Butanone	6.990	43	47451	45.444	ug/L	98
23) Bromochloromethane	7.338	128	25998	26.341	ug/L	86
25) Chloroform	7.509	83	108977	26.291	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120721\
Data File : VY007003.D
Acq On : 07 Dec 2021 18:00
Operator : SY/MD
Sample : M4887-17MS
Misc : 5.37g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EX8D0MS

Quant Time: Dec 08 02:57:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120721SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 08 02:54:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.240	62	78245	26.470	ug/L	100
29) Cyclohexane	7.789	56	101234	22.253	ug/L	100
30) 1,1,1-Trichloroethane	7.704	97	88657	22.188	ug/L	99
31) Carbon tetrachloride	7.905	117	78746	21.665	ug/L	100
33) Benzene	8.161	78	241723	22.332	ug/L	100
34) Trichloroethene	8.941	95	59150	22.619	ug/L	99
35) Methylcyclohexane	9.185	83	98771	21.623	ug/L	99
37) 1,2-Dichloropropane	9.216	63	68706	22.977	ug/L	100
38) Bromodichloromethane	9.502	83	83644	22.547	ug/L	97
39) cis-1,3-Dichloropropene	9.929	75	102308	22.644	ug/L	97
40) 4-Methyl-2-pentanone	10.069	43	108038	40.709	ug/L	99
42) Toluene	10.246	91	258571	22.618	ug/L	98
44) trans-1,3-Dichloropropene	10.465	75	93780	22.395	ug/L	98
45) 1,1,2-Trichloroethane	10.648	97	46526	21.936	ug/L	95
46) Tetrachloroethene	10.721	164	42379	21.099	ug/L	94
48) 2-Hexanone	10.831	43	72729	40.138	ug/L	99
49) Dibromochloromethane	10.983	129	52903	21.804	ug/L	97
50) 1,2-Dibromoethane	11.087	107	42483	21.370	ug/L	99
51) Chlorobenzene	11.514	112	177488	26.202	ug/L	98
52) Ethylbenzene	11.593	91	323196	25.747	ug/L	100
53) m,p-Xylene	11.703	106	121850	26.355	ug/L	95
54) o-Xylene	12.032	106	115861	26.472	ug/L	98
55) Styrene	12.044	104	204916	26.565	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.581	83	68003	24.130	ug/L	98
59) Bromoform	12.209	173	38283	25.788	ug/L	99
60) Isopropylbenzene	12.331	105	301842	27.258	ug/L	99
61) 1,2,3-Trichloropropane	12.636	75	50453	24.682	ug/L	99
62) 1,3,5-Trimethylbenzene	12.812	105	259945	29.217	ug/L	98
63) 1,2,4-Trimethylbenzene	13.123	105	262148	28.473	ug/L	99
64) 1,3-Dichlorobenzene	13.367	146	139851	27.487	ug/L	99
65) 1,4-Dichlorobenzene	13.446	146	136013	26.525	ug/L	98
67) 1,2-Dichlorobenzene	13.739	146	133924	29.017	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.355	75	10564	21.528	ug/L	94
69) 1,3,5-Trichlorobenzene	14.501	180	95736	25.643	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	77041	24.265	ug/L	100
71) Naphthalene	15.233	128	156225	23.001	ug/L	100
72) 1,2,3-Trichlorobenzene	15.422	180	64054	21.683	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120721\
Data File : VY007003.D
Acq On : 07 Dec 2021 18:00
Operator : SY/MD
Sample : M4887-17MS
Misc : 5.37g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EX8D0MS

Quant Time: Dec 08 02:57:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120721SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 08 02:54:31 2021
Response via : Initial Calibration