Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040521\
Data File : VW018552.D
Acq On : 05 Apr 2021 11:51
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02528

Quant Time: Apr 06 01:13:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 02 23:44:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	504511	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	470246	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	253901	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	173733	24.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.00%			
7) Chloroethane-d5	2.892	69	143333	23.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.28%			
10) 1,1-Dichloroethene-d2	4.019	63	290779	23.99	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.96%			
20) 2-Butanone-d5	7.074	46	86075	55.07	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.14%			
24) Chloroform-d	7.647	84	319405	24.86	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.44%			
26) 1,2-Dichloroethane-d4	8.305	65	187445	24.99	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.96%			
29) Benzene-d6	8.269	84	595055	23.80	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.20%			
33) 1,2-Dichloropropane-d6	9.275	67	174812	24.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.96%			
37) Toluene-d8	10.323	98	588261	24.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.76%			
38) trans-1,3-Dichloroprop...	10.579	79	89079	23.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.80%			
39) 2-Hexanone-d5	10.921	63	71507	50.67	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.34%			
48) 1,1,2,2-Tetrachloroeth...	12.689	84	175199	27.16	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 108.64%			
61) 1,2-Dichlorobenzene-d4	13.853	152	208862	23.14	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	129248	22.31	ug/L	97
3) Chloromethane	2.215	50	156796	21.47	ug/L	98
5) Vinyl chloride	2.367	62	250798	26.15	ug/L	99
6) Bromomethane	2.782	94	169285	24.44	ug/L	99
8) Chloroethane	2.928	64	148915	24.90	ug/L	99
9) Trichlorofluoromethane	3.263	101	113781	23.58	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	172597	27.82	ug/L	99
12) 1,1-Dichloroethene	4.038	96	165817	26.18	ug/L	93
13) Acetone	4.117	43	60553	53.93	ug/L	100
14) Carbon disulfide	4.385	76	499192	26.18	ug/L	99
15) Methyl Acetate	4.672	43	77462	30.16	ug/L	96
16) Methylene chloride	4.916	84	176515	21.33	ug/L	94
17) Methyl tert-butyl Ether	5.428	73	239543	25.89	ug/L	99
18) trans-1,2-Dichloroethene	5.422	96	185293	26.50	ug/L	95
19) 1,1-Dichloroethane	6.214	63	316558	26.54	ug/L	97
21) 2-Butanone	7.165	43	101708	57.01	ug/L	96
22) cis-1,2-Dichloroethene	7.165	96	194304	26.42	ug/L	95
23) Bromochloromethane	7.513	128	90338	27.76	ug/L	91
25) Chloroform	7.671	83	345519	27.29	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040521\
Data File : VW018552.D
Acq On : 05 Apr 2021 11:51
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02528

Quant Time: Apr 06 01:13:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 02 23:44:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	245860	27.37	ug/L		99
30) Cyclohexane	7.958	56	278947	24.99	ug/L		96
31) 1,1,1-Trichloroethane	7.872	97	282049	26.84	ug/L		98
32) Carbon tetrachloride	8.067	117	269919	27.56	ug/L		98
34) Benzene	8.323	78	727234	26.70	ug/L		100
35) Trichloroethene	9.092	95	198760	26.42	ug/L		98
36) Methylcyclohexane	9.336	83	335229	25.44	ug/L		99
40) 1,2-Dichloropropane	9.366	63	176864	26.55	ug/L		99
41) Bromodichloromethane	9.640	83	253211	26.89	ug/L		99
42) cis-1,3-Dichloropropene	10.073	75	293254	26.03	ug/L		100
43) 4-Methyl-2-pentanone	10.207	43	233453	58.27	ug/L		95
44) Toluene	10.384	91	833159	26.91	ug/L		97
45) trans-1,3-Dichloropropene	10.604	75	267552	26.45	ug/L		99
46) 1,1,2-Trichloroethane	10.786	97	149946	28.23	ug/L		98
47) Tetrachloroethene	10.860	164	153053	26.79	ug/L		92
49) 2-Hexanone	10.969	43	160283	56.54	ug/L		98
50) Dibromochloromethane	11.128	129	174260	27.82	ug/L		93
51) 1,2-Dibromoethane	11.238	107	150411	28.59	ug/L	#	96
52) Chlorobenzene	11.658	112	527960	26.89	ug/L		98
53) Ethylbenzene	11.731	91	925368	26.51	ug/L		98
54) m,p-Xylene	11.835	106	353084	26.47	ug/L		94
55) o-xylene	12.164	106	340835	26.80	ug/L		99
56) Styrene	12.183	104	605252	27.91	ug/L		93
57) Isopropylbenzene	12.463	105	931817	26.94	ug/L		98
58) 1,1,2,2-Tetrachloroethane	12.713	83	190269	29.59	ug/L		95
59) 1,2,3-Trichloropropane	12.768	75	141065	29.06	ug/L		99
62) Bromoform	12.347	173	104509	26.84	ug/L	#	99
63) 1,3-Dichlorobenzene	13.499	146	403898	24.85	ug/L		96
64) 1,4-Dichlorobenzene	13.579	146	421854	25.73	ug/L		99
65) 1,2-Dichlorobenzene	13.871	146	372319	25.64	ug/L		98
66) 1,2-Dibromo-3-chloropr...	14.481	75	33959	25.87	ug/L	#	84
67) 1,3,5-Trichlorobenzene	14.627	180	295479	25.21	ug/L		95
68) 1,2,4-trichlorobenzene	15.127	180	242687	24.34	ug/L		97
69) Naphthalene	15.365	128	537540	25.89	ug/L		99
70) 1,2,3-Trichlorobenzene	15.548	180	214082	24.60	ug/L		99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040521\
Data File : VW018552.D
Acq On : 05 Apr 2021 11:51
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

Quant Time: Apr 06 01:13:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 02 23:44:48 2021
Response via : Initial Calibration