Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
Data File : VW009825.D
Acq On : 09 Apr 2019 03:42
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD02521

Manual Integrations APPROVED
MMDadoda
4/11/2019 2:03:31 PM

Quant Time: Apr 09 06:17:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 09 02:37:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	477326	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	461954	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	229860	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	142148	22.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.04%			
7) Chloroethane-d5	2.88	69	128976m	22.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.16%			
10) 1,1-Dichloroethene-d2	4.01	63	320834	23.88	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.52%			
20) 2-Butanone-d5	7.08	46	129221	63.72	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 127.44%			
24) Chloroform-d	7.64	84	340074	26.11	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.44%			
26) 1,2-Dichloroethane-d4	8.30	65	213333	26.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.72%			
29) Benzene-d6	8.27	84	622191	25.66	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.64%			
33) 1,2-Dichloropropane-d6	9.27	67	192884	25.75	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.00%			
37) Toluene-d8	10.32	98	562878	25.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.40%			
38) trans-1,3-Dichloropropene-	10.58	79	86180	24.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.48%			
39) 2-Hexanone-d5	10.93	63	90929	64.41	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 128.82%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	199184	28.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 114.40%			
61) 1,2-Dichlorobenzene-d4	13.85	152	200657	24.88	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.52%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	156230m	24.847	ug/L	
3) Chloromethane	2.21	50	154477	23.773	ug/L	97
5) Vinyl chloride	2.37	62	182290	21.871	ug/L	97
6) Bromomethane	2.78	94	116340	20.172	ug/L	99
8) Chloroethane	2.93	64	116537	21.303	ug/L	100
9) Trichlorofluoromethane	3.25	101	92016	17.996	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	158220	23.790	ug/L	95
12) 1,1-Dichloroethene	4.04	96	151991	23.974	ug/L	94
13) Acetone	4.12	43	82466	37.951	ug/L	99
14) Carbon disulfide	4.38	76	403049	20.453	ug/L	99
15) Methyl Acetate	4.67	43	108258	27.324	ug/L	98
16) Methylene chloride	4.91	84	169802	20.171	ug/L	95
17) Methyl tert-butyl Ether	5.42	73	210917	24.150	ug/L #	89
18) trans-1,2-Dichloroethene	5.42	96	155290	23.552	ug/L	96
19) 1,1-Dichloroethane	6.20	63	313630	24.787	ug/L	97
21) 2-Butanone	7.17	43	152483	55.176	ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	177623	25.188	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.51	128	83280	25.741 ug/L	95
25) Chloroform	7.67	83	336836	25.414 ug/L	99
27) 1,2-Dichloroethane	8.40	62	262399	26.176 ug/L	97
30) Cyclohexane	7.95	56	255388	23.423 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	239308	22.836 ug/L	99
32) Carbon tetrachloride	8.06	117	245883	23.403 ug/L	99
34) Benzene	8.32	78	691144	24.867 ug/L	100
35) Trichloroethene	9.09	95	177163	24.357 ug/L	100
36) Methylcyclohexane	9.33	83	276968	23.161 ug/L	98
40) 1,2-Dichloropropane	9.37	63	182080	25.592 ug/L	100
41) Bromodichloromethane	9.64	83	254336	25.908 ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	268588	24.368 ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	341915	61.868 ug/L	100
44) Toluene	10.38	91	745912	25.334 ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	234211	24.646 ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	141766	26.546 ug/L	97
47) Tetrachloroethene	10.86	164	134646	23.504 ug/L	99
49) 2-Hexanone	10.97	43	247501	60.146 ug/L	99
50) Dibromochloromethane	11.13	129	171262	26.103 ug/L	96
51) 1,2-Dibromoethane	11.23	107	141024	26.348 ug/L	99
52) Chlorobenzene	11.66	112	468323	24.711 ug/L	99
53) Ethylbenzene	11.73	91	835203	24.902 ug/L	100
54) m,p-Xylene	11.84	106	308180	24.843 ug/L	100
55) o-xylene	12.16	106	296767	25.119 ug/L	97
56) Styrene	12.18	104	539363	26.311 ug/L	98
57) Isopropylbenzene	12.46	105	816694	25.245 ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	196769	27.401 ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	153334	28.685 ug/L	100
62) Bromoform	12.35	173	107566	26.615 ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	348661	24.521 ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	372144	24.543 ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	349167	25.668 ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	39258	29.647 ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	254625	24.135 ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	210358	24.828 ug/L	100
69) Naphthalene	15.37	128	509895	29.942 ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	213289	26.910 ug/L	100

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

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