Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071918\
Data File : VW004047.D
Acq On : 19 Jul 2018 20:22
Operator : VA/AP
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02590

Manual Integrations APPROVED
MMDadoda
7/23/2018 1:26:36 PM

Quant Time: Jul 20 07:19:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 20 06:42:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	344569	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	323525	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	167529	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	70450	20.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.68%			
7) Chloroethane-d5	2.89	69	54434	22.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.64%			
10) 1,1-Dichloroethene-d2	4.01	63	181802	22.23	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 88.92%			
20) 2-Butanone-d5	7.08	46	90805	45.43	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.86%			
24) Chloroform-d	7.65	84	204659	25.03	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.12%			
26) 1,2-Dichloroethane-d4	8.31	65	121698	24.71	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.84%			
29) Benzene-d6	8.27	84	360816	24.05	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.20%			
33) 1,2-Dichloropropane-d6	9.28	67	124509	24.88	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.52%			
37) Toluene-d8	10.33	98	324368	24.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.20%			
38) trans-1,3-Dichloropropene-	10.58	79	55457	25.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.84%			
39) 2-Hexanone-d5	10.93	63	67609	50.18	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.36%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	139444	25.43	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.72%			
61) 1,2-Dichlorobenzene-d4	13.86	152	133405	24.76	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.04%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	44025m	19.955	ug/L	
3) Chloromethane	2.21	50	77376	21.939	ug/L	95
5) Vinyl chloride	2.36	62	116165	21.873	ug/L	98
6) Bromomethane	2.78	94	63746	22.610	ug/L	100
8) Chloroethane	2.92	64	63422	22.780	ug/L	93
9) Trichlorofluoromethane	3.25	101	61017	23.060	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	116782	24.819	ug/L	97
12) 1,1-Dichloroethene	4.03	96	110852	24.168	ug/L	95
13) Acetone	4.12	43	82965	38.182	ug/L	99
14) Carbon disulfide	4.37	76	353722	23.838	ug/L	99
15) Methyl Acetate	4.67	43	83205	22.446	ug/L	98
16) Methylene chloride	4.91	84	130524	19.745	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	229562	25.879	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	119840	25.378	ug/L	98
19) 1,1-Dichloroethane	6.21	63	230974	25.710	ug/L	99
21) 2-Butanone	7.17	43	112775	41.830	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	132265	26.205	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	62427	26.305	ug/L	96
25) Chloroform	7.68	83	239666	26.124	ug/L	99
27) 1,2-Dichloroethane	8.40	62	177092	26.191	ug/L	96
30) Cyclohexane	7.96	56	203030	25.731	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	188778	25.657	ug/L	99
32) Carbon tetrachloride	8.07	117	181427	25.557	ug/L	100
34) Benzene	8.32	78	524952	26.471	ug/L	100
35) Trichloroethene	9.09	95	134569	25.361	ug/L	99
36) Methylcyclohexane	9.34	83	231419	26.388	ug/L	99
40) 1,2-Dichloropropane	9.37	63	141706	26.359	ug/L	99
41) Bromodichloromethane	9.65	83	177032	26.745	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	205720	27.157	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	232461	49.186	ug/L	99
44) Toluene	10.39	91	561683	27.029	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	189131	27.068	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	108975	26.082	ug/L	98
47) Tetrachloroethene	10.87	164	108609	25.380	ug/L	93
49) 2-Hexanone	10.98	43	175594	47.991	ug/L	100
50) Dibromochloromethane	11.13	129	126658	27.060	ug/L	97
51) 1,2-Dibromoethane	11.24	107	105149	25.767	ug/L	99
52) Chlorobenzene	11.66	112	349049	26.197	ug/L	99
53) Ethylbenzene	11.74	91	614024	27.297	ug/L	99
54) m,p-Xylene	11.85	106	231258	27.894	ug/L	96
55) o-xylene	12.17	106	224292	28.284	ug/L	99
56) Styrene	12.19	104	396266	28.927	ug/L	99
57) Isopropylbenzene	12.47	105	613158	28.202	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	149347	25.007	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	114310	24.726	ug/L	100
62) Bromoform	12.35	173	79836	25.252	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	270781	26.243	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	283736	25.646	ug/L	96
65) 1,2-Dichlorobenzene	13.88	146	266985	26.552	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	25977	22.159	ug/L	97
67) 1,3,5-Trichlorobenzene	14.64	180	208393	25.541	ug/L	98
68) 1,2,4-trichlorobenzene	15.15	180	174358	26.647	ug/L	97
69) Naphthalene	15.38	128	393192	26.689	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	168279	27.030	ug/L	99

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

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