Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071420\
Data File : BM026761.D
Acq On : 14 Jul 2020 20:50
Operator : JU/CG
Sample : PB130165BL
Misc : PBBL-SOIL-ME-02
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 15 00:44:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 14 10:31:32 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK65

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	70525	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	278797	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	163759	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	345704	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	324020	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	393571	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.90	96	14519	6.19	ng/uL	0.00
5) Phenol-d5	6.52	99	193533	29.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	142665	32.66	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	155856	31.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	151930	29.41	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	71639	32.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	78395	33.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	140948	30.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	192214	39.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	447421	34.25	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	516090	32.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.24	143	52066m	27.62	ng/ul	0.00
58) Fluorene-d10	14.98	176	376329	32.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	55378	25.64	ng/ul	0.00
71) Anthracene-d10	16.83	188	482197	28.32	ng/ul	0.00
79) Pyrene-d10	19.14	212	636642	37.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	718100	33.81	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.94	88	95	0.037	ng/uL#	33
4) Benzaldehyde	6.51	77	124	0.036	ng/ul#	8
8) Bis(2-Chloroethyl)ether	6.84	93	83	0.015	ng/ul#	1
15) N-Nitroso-di-n-propylamine	8.04	70	4593	0.888	ng/ul#	1
20) Nitrobenzene	8.45	77	1047	0.151	ng/ul#	45
21) Isophorone	9.17	82	9888	0.846	ng/ul#	73
45) Dimethylphthalate	13.41	163	109	0.008	ng/ul#	1
46) 2,6-Dinitrotoluene	13.41	165	2480	0.938	ng/ul#	32
59) Fluorene	14.98	166	893	0.064	ng/ul#	8
61) 4-Nitroaniline	15.14	138	116	0.047	ng/ul#	1
65) N-Nitrosodiphenylamine	15.14	169	494	0.043	ng/ul#	2
76) Di-n-butylphthalate	17.73	149	424	0.020	ng/ul#	78
80) Pyrene	19.14	202	761	0.033	ng/ul#	1
81) Butylbenzylphthalate	20.12	149	108	0.013	ng/ul#	17
82) 3,3'-Dichlorobenzidine	21.03	252	128	0.020	ng/ul#	26
83) Benzo(a)anthracene	20.95	228	1219	0.055	ng/ul#	64
84) Bis(2-ethylhexyl)phthalate	20.91	149	491	0.040	ng/ul#	53
85) Chrysene	20.95	228	1219	0.055	ng/ul#	62
87) Di-n-octyl phthalate	21.75	149	297	0.012	ng/ul	100
88) Benzo(b)fluoranthene	22.43	252	209	0.008	ng/ul#	1
89) Benzo(k)fluoranthene	22.46	252	536	0.020	ng/ul#	1
91) Benzo(a)pyrene	22.94	252	293	0.012	ng/ul#	1

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

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