Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023218.D
Acq On : 17 Oct 2019 12:50
Operator : JU
Sample : K5262-21
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFBB1

Manual Integrations APPROVED
mohammad
10/18/2019 8:28:08 AM

Quant Time: Oct 17 16:12:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	416081	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1561173	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	922368	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1806310	20.00	ng/ul	0.01
78) Chrysene-d12	21.28	240	1766998	20.00	ng/ul	0.04
86) Perylene-d12	23.54	264	2580145m	20.00	ng/ul	0.09
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	31395	3.32	ng/uL	0.00
5) Phenol-d5	6.84	99	692882	19.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	382646	18.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	556454	20.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	535059	18.38	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	244023	23.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	265463	26.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	556533	21.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	154786	4.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1575274	22.29	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1887655	22.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	199008	17.39	ng/ul	0.01
58) Fluorene-d10	15.31	176	1368431	22.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	41001	5.73	ng/ul	0.02
71) Anthracene-d10	17.16	188	2044844	23.48	ng/ul	0.01
79) Pyrene-d10	19.47	212	2277743	26.62	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.40	264	2941382	22.49	ng/ul	0.09
Target Compounds						Qvalue
6) Phenol	6.86	94	205818	5.507	ng/ul	99
11) 2-Methylphenol	8.11	108	43231	1.509	ng/ul	93
16) 4-Methylphenol	8.43	108	125594	4.032	ng/ul	96
24) 2,4-Dimethylphenol	9.67	107	107661m	3.499	ng/ul	
28) Naphthalene	10.50	128	3619009	44.850	ng/ul	98
34) 2-Methylnaphthalene	12.12	142	1038870	17.302	ng/ul	99
41) 1,1'-Biphenyl	13.14	154	323072	4.603	ng/ul	98
45) Dimethylphthalate	13.77	163	498739	7.049	ng/ul	99
48) Acenaphthylene	14.03	152	13539560	159.732	ng/ul	97
50) Acenaphthene	14.37	153	2578366	43.683	ng/ul	100
54) Dibenzofuran	14.71	168	3251909	38.809	ng/ul	100
59) Fluorene	15.36	166	3969077	57.734	ng/ul	99
61) 4-Nitroaniline	15.36	138	50492m	3.506	ng/ul	
70) Phenanthrene	17.10	178	22612945m	223.070	ng/ul	
72) Anthracene	17.20	178	14595586	139.333	ng/ul#	84
75) Carbazole	17.46	167	6780248	72.453	ng/ul	99
77) Fluoranthene	19.12	202	27235943m	225.912	ng/ul	
80) Pyrene	19.49	202	27591095m	249.253	ng/ul	
83) Benzo(a)anthracene	21.24	228	25207233m	210.539	ng/ul	
85) Chrysene	21.30	228	21614878m	194.429	ng/ul	
88) Benzo(b)fluoranthene	22.85	252	28365924m	181.326	ng/ul	
89) Benzo(k)fluoranthene	22.89	252	23190607m	154.386	ng/ul	
91) Benzo(a)pyrene	23.44	252	34502009m	229.883	ng/ul	

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92) Indeno(1,2,3-cd)pyrene	25.87	276	41273679m	231.164	ng/ul	
93) Dibenzo(a,h)anthracene	25.86	278	12822937m	85.894	ng/ul	
94) Benzo(g,h,i)perylene	26.59	276	38385040m	261.115	ng/ul	

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

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