Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023738.D
Acq On : 15 Nov 2019 04:42
Operator : JU
Sample : K5700-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEGY8

Manual Integrations APPROVED
mohammad
11/15/2019 5:59:36 PM

Quant Time: Nov 15 08:28:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 07:53:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	355940	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1320446	20.00	ng/ul	0.04
36) Acenaphthene-d10	14.19	164	911251	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	1822526	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1832255	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	2196979	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	51733	5.99	ng/uL	0.00
5) Phenol-d5	6.72	99	230414	7.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	539584	28.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	620130	26.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	409860	15.83	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	444987	47.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	431099	43.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	753025	33.24	ng/ul	0.02
29) 4-Chloroaniline-d4	10.48	131	660567	26.56	ng/ul	0.04
44) Dimethylphthalate-d6	13.62	166	2432237	34.23	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	2804534	34.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	94904	7.82	ng/ul	0.00
58) Fluorene-d10	15.19	176	2105671	33.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	353802	33.56	ng/ul	0.00
71) Anthracene-d10	17.04	188	3181518	36.80	ng/ul	0.00
79) Pyrene-d10	19.34	212	3482621	36.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	4277973	37.00	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.75	94	40856	1.222	ng/ul#	50
24) 2,4-Dimethylphenol	9.55	107	65703m	2.602	ng/ul	
28) Naphthalene	10.35	128	63559518m	915.804	ng/ul	
34) 2-Methylnaphthalene	11.99	142	8090800	152.394	ng/ul	98
41) 1,1'-Biphenyl	13.02	154	9414518	133.926	ng/ul	98
45) Dimethylphthalate	13.66	163	204183	2.932	ng/ul	98
48) Acenaphthylene	13.90	152	972035	11.906	ng/ul#	90
50) Acenaphthene	14.26	153	17852773m	308.135	ng/ul	
54) Dibenzofuran	14.59	168	17516658m	204.236	ng/ul	
59) Fluorene	15.25	166	13306157	191.230	ng/ul	96
70) Phenanthrene	16.98	178	15597662	155.375	ng/ul	94
72) Anthracene	17.07	178	1333978	13.215	ng/ul	99
75) Carbazole	17.35	167	18664935m	221.818	ng/ul	
77) Fluoranthene	19.00	202	1779560	16.546	ng/ul	98
80) Pyrene	19.37	202	1007582	8.508	ng/ul	99

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

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