Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071919\
Data File : BM021559.D
Acq On : 19 Jul 2019 15:50
Operator : HP/JU
Sample : K3822-07DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B8DL

Quant Time: Jul 19 16:50:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 00:39:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	154236	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	602990	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	347265	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.11	188	817845	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	887621	20.00	ng/ul	-0.01
85) Perylene-d12	23.55	264	1023283	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	809	0.26	ng/uL	0.02
5) Phenol-d5	6.90	99	5732	0.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	14206	2.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	14132	1.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	9260	0.97	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	8168	1.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	6515	1.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	14872	1.33	ng/ul	0.01
29) 4-Chloroaniline-d4	10.65	131	5181	0.51	ng/ul	-0.01
43) Dimethylphthalate-d6	13.77	166	54722	1.80	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	57005	1.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	419	0.09	ng/ul	0.03
57) Fluorene-d10	15.35	176	50432	1.86	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.50	200	2521	0.46	ng/ul	0.00
70) Anthracene-d10	17.21	188	79654	1.88	ng/ul	0.00
78) Pyrene-d10	19.50	212	93891	1.93	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.41	264	102461	1.74	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	10.56	128	12705359	404.873	ng/ul	98
34) 2-Methylnaphthalene	12.16	142	1182880	51.137	ng/ul	100
40) 1,1'-Biphenyl	13.19	154	216609	7.453	ng/ul	100
47) Acenaphthylene	14.08	152	136410	4.106	ng/ul	97
49) Acenaphthene	14.42	153	666948	27.627	ng/ul	99
53) Dibenzofuran	14.76	168	849162	24.282	ng/ul	97
58) Fluorene	15.41	166	662351	23.411	ng/ul	98
69) Phenanthrene	17.15	178	2285042	49.551	ng/ul	100
71) Anthracene	17.24	178	192741	4.106	ng/ul	96
74) Carbazole	17.52	167	602230	15.458	ng/ul	99
76) Fluoranthene	19.17	202	1159603	21.177	ng/ul	98
79) Pyrene	19.53	202	812814	13.836	ng/ul	98
82) Benzo(a)anthracene	21.29	228	255125	4.197	ng/ul	99
84) Chrysene	21.33	228	163167	2.855	ng/ul	98
87) Benzo(b)fluoranthene	22.88	252	150515	2.360	ng/ul#	96
90) Benzo(a)pyrene	23.45	252	93011	1.510	ng/ul	95

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

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