Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005988.D
Acq On : 31 May 2019 20:02
Operator : JU/SJ
Sample : K2923-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42D7

Manual Integrations APPROVED
mohammad
6/5/2019 6:11:13 AM

Quant Time: Jun 01 02:28:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	502765	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	2134507	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	1103015	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1908807	20.00	ng/ul	0.00
77) Chrysene-d12	21.38	240	1193307	20.00	ng/ul	0.00
85) Perylene-d12	23.68	264	1415943	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	35934	3.14	ng/uL	0.01
5) Phenol-d5	6.92	99	852090	19.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	469375	18.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	684188	20.16	ng/ul	0.01
13) 4-Methylphenol-d8	8.45	113	663090	18.43	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	331667	24.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	353689	27.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	661223	21.95	ng/ul	0.01
29) 4-Chloroaniline-d4	10.68	131	301155	7.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1827368	22.47	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2275120	22.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	247955	16.76	ng/ul	0.00
57) Fluorene-d10	15.40	176	1471614	21.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	60501	7.78	ng/ul	0.00
70) Anthracene-d10	17.26	188	1852808	22.81	ng/ul	0.00
78) Pyrene-d10	19.57	212	1549771	25.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.53	264	1427555	22.59	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.59	128	245750	2.426	ng/ul	99
44) Dimethylphthalate	13.86	163	662811	8.155	ng/ul	100
47) Acenaphthylene	14.12	152	188160	1.886	ng/ul	98
49) Acenaphthene	14.47	153	495335	7.310	ng/ul	98
53) Dibenzofuran	14.81	168	339202	3.546	ng/ul	98
58) Fluorene	15.46	166	495460	6.595	ng/ul	97
69) Phenanthrene	17.21	178	5246191	55.472	ng/ul	99
71) Anthracene	17.29	178	1538803	16.026	ng/ul	100
74) Carbazole	17.56	167	721065	8.336	ng/ul	99
76) Fluoranthene	19.24	202	5531759	54.791	ng/ul	96
79) Pyrene	19.60	202	4539058	60.047	ng/ul	97
82) Benzo(a)anthracene	21.36	228	2272451	30.294	ng/ul	96
84) Chrysene	21.41	228	2144234m	30.648	ng/ul	
87) Benzo(b)fluoranthene	22.99	252	3011215	37.863	ng/ul#	96
88) Benzo(k)fluoranthene	23.03	252	854351m	11.684	ng/ul	
90) Benzo(a)pyrene	23.58	252	2075409	27.673	ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	26.01	276	1599169	18.172	ng/ul	97
92) Dibenzo(a,h)anthracene	26.01	278	441646	6.028	ng/ul#	80
93) Benzo(g,h,i)perylene	26.73	276	1267109	17.096	ng/ul	94

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

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