Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005358.D
Acq On : 29 Apr 2019 19:09
Operator : JU/SJ
Sample : K2456-12DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ0DL

Manual Integrations APPROVED
Sohil
4/30/2019 6:27:10 PM

Quant Time: Apr 30 02:13:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	315850	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1314600	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	768896	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1731168	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1621718	20.00	ng/ul	-0.02
85) Perylene-d12	23.42	264	1936753	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	4379	0.67	ng/uL	0.00
5) Phenol-d5	6.78	99	76645	3.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	47021	3.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	62300	3.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	61184	3.16	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	32208	3.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	31322	3.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	60420	3.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	30535	1.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	199877	3.58	ng/ul	-0.01
46) Acenaphthylene-d8	13.91	160	257223	3.75	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.45	143	26122	2.96	ng/ul	0.01
57) Fluorene-d10	15.22	176	181833	3.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	14285	1.83	ng/ul	0.00
70) Anthracene-d10	17.07	188	285195	3.93	ng/ul	-0.01
78) Pyrene-d10	19.39	212	309154	3.73	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	318196	3.76	ng/ul	-0.03
Target Compounds						Qvalue
34) 2-Methylnaphthalene	12.02	142	66960	1.496	ng/ul	95
44) Dimethylphthalate	13.69	163	59950	1.078	ng/ul#	91
47) Acenaphthylene	13.95	152	2195339	32.586	ng/ul	99
58) Fluorene	15.30	166	188612	3.650	ng/ul#	59
69) Phenanthrene	17.02	178	600199	7.119	ng/ul	99
71) Anthracene	17.11	178	1125210	13.101	ng/ul	99
76) Fluoranthene	19.06	202	1957221	20.929	ng/ul	98
79) Pyrene	19.42	202	5104319	48.884	ng/ul	98
82) Benzo(a)anthracene	21.20	228	2982657m	29.564	ng/ul	
84) Chrysene	21.25	228	3071719	32.806	ng/ul	97
87) Benzo(b)fluoranthene	22.76	252	3543944	32.552	ng/ul	98
88) Benzo(k)fluoranthene	22.80	252	803986m	7.732	ng/ul	
90) Benzo(a)pyrene	23.32	252	3521109	34.408	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.60	276	1695518	14.986	ng/ul	96
92) Dibenzo(a,h)anthracene	25.60	278	610042	6.353	ng/ul	93
93) Benzo(g,h,i)perylene	26.26	276	1471705	15.732	ng/ul	94

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

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