Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
Data File : BN005408.D
Acq On : 01 May 2019 13:37
Operator : JU/SJ
Sample : K2456-03ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHS3ME

Manual Integrations APPROVED
Sohil
5/2/2019 4:57:13 PM

Quant Time: May 03 11:48:14 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	385963	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	1631334	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.23	164	1003518	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2143443	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1445815	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	1485610	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	38881	4.86	ng/uL	0.00
5) Phenol-d5	6.78	99	862074	28.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	509059	26.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	716809	30.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	667953	28.19	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	371271	36.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	402324	39.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	733313	31.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	855596	35.56	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	2189020	30.05	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2762970	30.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	296657	25.79	ng/ul	0.02
57) Fluorene-d10	15.23	176	1880991	30.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	58904	6.11	ng/ul	0.02
70) Anthracene-d10	17.09	188	2808234	31.25	ng/ul	0.00
78) Pyrene-d10	19.40	212	2657581	35.93	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	2016807	31.06	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	10.42	128	29856328m	393.685	ng/ul	
34) 2-Methylnaphthalene	12.05	142	15552958	280.085	ng/ul	100
40) 1,1'-Biphenyl	13.06	154	3171094	42.411	ng/ul	98
47) Acenaphthylene	13.96	152	9307085	105.848	ng/ul#	96
49) Acenaphthene	14.30	153	993997	16.559	ng/ul	99
53) Dibenzofuran	14.63	168	1107415	12.813	ng/ul	100
58) Fluorene	15.29	166	6741025	99.957	ng/ul	97
69) Phenanthrene	17.03	178	20068436m	192.246	ng/ul	
71) Anthracene	17.13	178	7169631	67.421	ng/ul	99
74) Carbazole	17.39	167	208526	2.283	ng/ul#	92
76) Fluoranthene	19.07	202	10553011	91.141	ng/ul	98
79) Pyrene	19.44	202	13446053	144.439	ng/ul	98
82) Benzo(a)anthracene	21.20	228	4730672m	52.595	ng/ul	
84) Chrysene	21.26	228	3999750	47.914	ng/ul	99
87) Benzo(b)fluoranthene	22.78	252	3008374	36.024	ng/ul	98
88) Benzo(k)fluoranthene	22.82	252	741040m	9.291	ng/ul	
90) Benzo(a)pyrene	23.34	252	3269961m	41.658	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.62	276	1266078	14.589	ng/ul#	95
92) Dibenzo(a,h)anthracene	25.62	278	375681	5.101	ng/ul	96
93) Benzo(g,h,i)perylene	26.28	276	1065275	14.845	ng/ul	95

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

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