Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005304.D
Acq On : 26 Apr 2019 05:19
Operator : JU/SJ
Sample : K2481-20 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHX3

Manual Integrations APPROVED
Sohil
4/26/2019 6:21:55 PM

Quant Time: Apr 26 06:48:01 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	438613	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1795744	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1102961	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2536300	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	2360687	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	2282520	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	2027	0.22	ng/uL	0.00
5) Phenol-d5	6.78	99	43929	1.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	30055	1.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	35947	1.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	36291	1.35	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	16028	1.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	18509	1.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	37381	1.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	226681	8.56	ng/ul	-0.02
43) Dimethylphthalate-d6	13.65	166	132603	1.66	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	160949	1.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	30241	2.39	ng/ul	0.00
57) Fluorene-d10	15.23	176	121020	1.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	5085m	0.45	ng/ul	0.00
70) Anthracene-d10	17.08	188	187828	1.77	ng/ul	0.00
78) Pyrene-d10	19.40	212	206496	1.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	170280	1.71	ng/ul	-0.02
Target Compounds						Qvalue
28) Naphthalene	10.40	128	284458	3.407	ng/ul#	95
34) 2-Methylnaphthalene	12.02	142	457851	7.490	ng/ul	100
40) 1,1'-Biphenyl	13.06	154	871886	10.609	ng/ul	99
47) Acenaphthylene	13.95	152	2455549	25.409	ng/ul#	97
49) Acenaphthene	14.29	153	606187	9.188	ng/ul	98
53) Dibenzofuran	14.63	168	2114014	22.255	ng/ul	99
58) Fluorene	15.29	166	3266552	44.070	ng/ul	98
69) Phenanthrene	17.03	178	4238397	34.313	ng/ul	99
71) Anthracene	17.12	178	4334637	34.448	ng/ul	99
76) Fluoranthene	19.06	202	8104132	59.150	ng/ul	98
79) Pyrene	19.43	202	7725322	50.825	ng/ul	99
82) Benzo(a)anthracene	21.20	228	3619026	24.643	ng/ul	95
84) Chrysene	21.26	228	2952038	21.659	ng/ul	97
87) Benzo(b)fluoranthene	22.77	252	2433441	18.966	ng/ul	99
88) Benzo(k)fluoranthene	22.81	252	735054m	5.998	ng/ul	
90) Benzo(a)pyrene	23.33	252	1955236	16.212	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.60	276	773185	5.799	ng/ul	95
92) Dibenzo(a,h)anthracene	25.61	278	238746	2.110	ng/ul#	91
93) Benzo(g,h,i)perylene	26.26	276	604047	5.479	ng/ul	97

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

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