Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006016.D
Acq On : 02 Jun 2019 05:32
Operator : JU/SJ
Sample : K2928-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42C8

Manual Integrations APPROVED
Sohil
6/4/2019 8:38:34 AM

Quant Time: Jun 03 04:25:51 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	7.72	152	508674	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.51	136	2251251	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.38	164	1286988	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.14	188	2439236	20.00	ng/ul	-0.02
77) Chrysene-d12	21.36	240	1408819	20.00	ng/ul	-0.02
85) Perylene-d12	23.64	264	1820901m	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	26667	2.31	ng/uL	0.00
5) Phenol-d5	6.89	99	612192	13.58	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.06	67	353434	13.74	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.26	132	491659	14.32	ng/ul	-0.01
13) 4-Methylphenol-d8	8.43	113	480445	13.20	ng/ul	-0.02
19) Nitrobenzene-d5	8.88	128	239215	16.56	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.60	143	266196	19.78	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.14	165	468043	14.73	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.65	131	182444	4.38	ng/ul	-0.02
43) Dimethylphthalate-d6	13.79	166	1405992	14.82	ng/ul	-0.02
46) Acenaphthylene-d8	14.07	160	1747118	14.72	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.58	143	198021	11.47	ng/ul	-0.03
57) Fluorene-d10	15.38	176	1173591	14.75	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.51	200	146998	14.79	ng/ul	-0.02
70) Anthracene-d10	17.24	188	1572688	15.15	ng/ul	-0.02
78) Pyrene-d10	19.55	212	1235458	17.36	ng/ul	-0.02
89) Benzo(a)pyrene-d12	23.50	264	1119176m	13.77	ng/ul	-0.02
Target Compounds						Qvalue
28) Naphthalene	10.57	128	197653	1.850	ng/ul	98
34) 2-Methylnaphthalene	12.18	142	93514	1.188	ng/ul	100
44) Dimethylphthalate	13.84	163	494684	5.217	ng/ul	99
47) Acenaphthylene	14.10	152	594969	5.112	ng/ul	97
49) Acenaphthene	14.44	153	176173	2.228	ng/ul	98
53) Dibenzofuran	14.78	168	120014	1.075	ng/ul#	84
58) Fluorene	15.43	166	193712	2.210	ng/ul#	95
69) Phenanthrene	17.18	178	5157172	42.672	ng/ul	98
71) Anthracene	17.27	178	1842864	15.020	ng/ul	99
74) Carbazole	17.54	167	186942	1.691	ng/ul#	72
76) Fluoranthene	19.22	202	13789329	106.880	ng/ul#	94
79) Pyrene	19.59	202	15673912	175.632	ng/ul#	93
82) Benzo(a)anthracene	21.34	228	9570828	108.070	ng/ul	91
84) Chrysene	21.40	228	9767174	118.249	ng/ul#	94
87) Benzo(b)fluoranthene	22.97	252	10374877	101.442	ng/ul	98
88) Benzo(k)fluoranthene	23.01	252	3554937m	37.804	ng/ul	
90) Benzo(a)pyrene	23.55	252	8337658m	86.448	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.96	276	5537858m	48.933	ng/ul	
92) Dibenzo(a,h)anthracene	25.96	278	1796011m	19.061	ng/ul	
93) Benzo(g,h,i)perylene	26.68	276	4388669m	46.043	ng/ul	

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

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