Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
Data File : BN009189.D
Acq On : 27 Dec 2019 01:03
Operator : JU
Sample : K6381-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB5S3

Manual Integrations APPROVED
mohammad
12/27/2019 3:20:44 PM

Quant Time: Dec 27 04:30:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 27 01:30:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	360609	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	1627527	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.15	164	1029444	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	2127936	20.00	ng/ul	0.00
77) Chrysene-d12	21.11	240	1558944	20.00	ng/ul	0.00
85) Perylene-d12	23.24	264	1436107	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	38685	4.90	ng/uL	0.00
5) Phenol-d5	6.72	99	960713	28.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	624507	28.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	743335	30.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	789681	28.53	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	389147	31.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	440863	32.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	763879	29.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	965067	31.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.57	166	2250884	29.11	ng/ul	0.00
46) Acenaphthylene-d8	13.84	160	2886027	31.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.37	143	432047	28.10	ng/ul	0.00
57) Fluorene-d10	15.15	176	1999419	29.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.29	200	221689	16.70	ng/ul	0.00
70) Anthracene-d10	17.00	188	3003154	30.34	ng/ul	0.00
78) Pyrene-d10	19.30	212	3083657	37.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.11	264	2277807	31.48	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.68	77	34547	1.607	ng/ul	97
28) Naphthalene	10.33	128	108072	1.244	ng/ul	100
44) Dimethylphthalate	13.62	163	233608	2.954	ng/ul	99
69) Phenanthrene	16.95	178	1113230	9.489	ng/ul	99
71) Anthracene	17.03	178	220080	1.823	ng/ul	97
74) Carbazole	17.30	167	109148	1.046	ng/ul	98
76) Fluoranthene	18.97	202	1873234	13.824	ng/ul	99
79) Pyrene	19.33	202	1540394	14.247	ng/ul	99
82) Benzo(a)anthracene	21.09	228	751050	7.130	ng/ul	95
83) Bis(2-ethylhexyl)phthalate	21.05	149	451907	6.200	ng/ul	99
84) Chrysene	21.14	228	740202	7.312	ng/ul	99
87) Benzo(b)fluoranthene	22.62	252	896450	10.213	ng/ul	97
88) Benzo(k)fluoranthene	22.65	252	202849m	2.366	ng/ul	
90) Benzo(a)pyrene	23.15	252	492584	6.112	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.33	276	315965	3.236	ng/ul	94
92) Dibenzo(a,h)anthracene	25.34	278	92700	1.125	ng/ul#	93
93) Benzo(g,h,i)perylene	25.97	276	302837	3.707	ng/ul	98

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

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