Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
Data File : BN009182.D
Acq On : 26 Dec 2019 20:52
Operator : JU
Sample : K6381-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB5R6

Manual Integrations APPROVED
mohammad
12/27/2019 3:20:19 PM

Quant Time: Dec 27 02:58:28 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	297085	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1372409	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.15	164	872654	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	1841502	20.00	ng/ul	0.00
77) Chrysene-d12	21.11	240	1570247	20.00	ng/ul	0.00
85) Perylene-d12	23.24	264	1414178	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	31252	4.81	ng/uL	0.00
5) Phenol-d5	6.72	99	721672	25.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	473041	26.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	543044	26.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	595386	26.11	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	288416	27.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	322027	27.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	570475	26.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	778076	29.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.57	166	1703013	25.98	ng/ul	0.00
46) Acenaphthylene-d8	13.84	160	2172475	28.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.37	143	322170	24.72	ng/ul	0.00
57) Fluorene-d10	15.15	176	1537903	26.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.29	200	191211	16.64	ng/ul	0.00
70) Anthracene-d10	17.00	188	2260913	26.39	ng/ul	0.00
78) Pyrene-d10	19.30	212	2564657	31.31	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.12	264	1988782	27.91	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.68	77	22701	1.282	ng/ul	92
28) Naphthalene	10.33	128	107079	1.462	ng/ul	98
44) Dimethylphthalate	13.62	163	131863	1.967	ng/ul	99
49) Acenaphthene	14.22	153	70158	1.268	ng/ul	98
53) Dibenzofuran	14.56	168	85486	1.100	ng/ul	98
58) Fluorene	15.21	166	93169	1.435	ng/ul	95
69) Phenanthrene	16.95	178	1895678	18.671	ng/ul	99
71) Anthracene	17.03	178	359789	3.444	ng/ul	98
74) Carbazole	17.30	167	155101	1.718	ng/ul	96
76) Fluoranthene	18.97	202	2831977	24.150	ng/ul	99
79) Pyrene	19.33	202	2340417	21.490	ng/ul	98
82) Benzo(a)anthracene	21.10	228	1121758	10.573	ng/ul	94
84) Chrysene	21.15	228	1075585	10.549	ng/ul	99
87) Benzo(b)fluoranthene	22.62	252	1103051	12.762	ng/ul	99
88) Benzo(k)fluoranthene	22.65	252	377602m	4.473	ng/ul	
90) Benzo(a)pyrene	23.16	252	698626	8.803	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.34	276	402912	4.191	ng/ul	97
92) Dibenzo(a,h)anthracene	25.34	278	118224	1.457	ng/ul#	83
93) Benzo(g,h,i)perylene	25.98	276	380091	4.724	ng/ul	98

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

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