Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
Data File : BN009185.D
Acq On : 26 Dec 2019 22:40
Operator : JU
Sample : K6381-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB5R9

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

Quant Time: Dec 27 03:43:09 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	323383	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1442973	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.15	164	929892	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	1907087	20.00	ng/ul	0.00
77) Chrysene-d12	21.11	240	1489250	20.00	ng/ul	0.00
85) Perylene-d12	23.24	264	1335535	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	41687	5.89	ng/uL	0.00
5) Phenol-d5	6.72	99	968232	31.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	640999	32.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	731870	33.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	789507	31.81	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	384482	35.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	435902	35.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	760687	33.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	1055134	38.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.57	166	2240712	32.08	ng/ul	0.00
46) Acenaphthylene-d8	13.84	160	2852750	34.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.37	143	417250	30.05	ng/ul	0.00
57) Fluorene-d10	15.16	176	1990540	32.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.29	200	240977	20.25	ng/ul	0.00
70) Anthracene-d10	17.00	188	2956044	33.32	ng/ul	0.00
78) Pyrene-d10	19.30	212	3175081	40.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.12	264	2330735	34.64	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.68	77	20379	1.057	ng/ul#	82
28) Naphthalene	10.33	128	139541	1.812	ng/ul	97
34) 2-Methylnaphthalene	11.95	142	64775	1.167	ng/ul	100
49) Acenaphthene	14.22	153	79569	1.349	ng/ul	97
53) Dibenzofuran	14.56	168	90971	1.099	ng/ul	99
58) Fluorene	15.21	166	89314	1.291	ng/ul#	95
69) Phenanthrene	16.95	178	1715304	16.313	ng/ul	98
71) Anthracene	17.03	178	352322	3.257	ng/ul	99
74) Carbazole	17.31	167	143059	1.530	ng/ul	99
76) Fluoranthene	18.97	202	2790603	22.979	ng/ul	99
79) Pyrene	19.33	202	2359225	22.841	ng/ul	99
82) Benzo(a)anthracene	21.09	228	1116688	11.097	ng/ul	94
84) Chrysene	21.15	228	1077835	11.146	ng/ul	99
87) Benzo(b)fluoranthene	22.62	252	1195528	14.646	ng/ul	97
88) Benzo(k)fluoranthene	22.65	252	353285m	4.432	ng/ul	
90) Benzo(a)pyrene	23.16	252	684599	9.134	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.34	276	426864	4.701	ng/ul	97
92) Dibenzo(a,h)anthracene	25.34	278	129132	1.685	ng/ul#	96
93) Benzo(g,h,i)perylene	25.98	276	402186	5.293	ng/ul	98

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

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