Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
Data File : BN009186.D
Acq On : 26 Dec 2019 23:16
Operator : JU
Sample : K6381-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB5S0

Manual Integrations APPROVED
mohammad
12/27/2019 3:20:30 PM

Quant Time: Dec 27 03:50:02 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	294607	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1321332	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.15	164	851382	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	1746661	20.00	ng/ul	0.00
77) Chrysene-d12	21.11	240	1284952	20.00	ng/ul	0.00
85) Perylene-d12	23.24	264	1140815	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	38694	6.00	ng/uL	0.00
5) Phenol-d5	6.72	99	894789	31.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	597284	33.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	695703	34.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	741598	32.80	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	371517	37.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	419090	37.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	731974	34.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	1003009	39.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.57	166	2129472	33.30	ng/ul	0.00
46) Acenaphthylene-d8	13.84	160	2739142	36.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.37	143	400771	31.52	ng/ul	0.00
57) Fluorene-d10	15.15	176	1944557	34.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.29	200	220403	20.23	ng/ul	0.00
70) Anthracene-d10	17.00	188	2833503	34.87	ng/ul	0.00
78) Pyrene-d10	19.30	212	2934642	43.78	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.12	264	2096249	36.47	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	13.87	152	102590	1.275	ng/ul	94
49) Acenaphthene	14.22	153	95183	1.763	ng/ul	94
53) Dibenzofuran	14.56	168	95843	1.264	ng/ul	97
58) Fluorene	15.21	166	108758	1.717	ng/ul	96
69) Phenanthrene	16.95	178	2451408	25.455	ng/ul	99
71) Anthracene	17.03	178	510031	5.148	ng/ul	100
74) Carbazole	17.31	167	162319	1.896	ng/ul	98
76) Fluoranthene	18.97	202	4202756	37.786	ng/ul	99
79) Pyrene	19.33	202	3582240	40.197	ng/ul	97
82) Benzo(a)anthracene	21.09	228	1763081	20.306	ng/ul	95
83) Bis(2-ethylhexyl)phthalate	21.05	149	74062	1.233	ng/ul	98
84) Chrysene	21.15	228	1565495	18.762	ng/ul	98
87) Benzo(b)fluoranthene	22.62	252	1766028	25.329	ng/ul	99
88) Benzo(k)fluoranthene	22.65	252	548471m	8.055	ng/ul	
90) Benzo(a)pyrene	23.16	252	1144915	17.883	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.34	276	709363	9.146	ng/ul	96
92) Dibenzo(a,h)anthracene	25.34	278	199628	3.049	ng/ul#	91
93) Benzo(g,h,i)perylene	25.98	276	637782	9.827	ng/ul	99

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

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