Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115183.D
Acq On : 25 Jun 2019 13:20
Operator : HP/JU
Sample : PB120777BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Manual Integrations APPROVED
mohammad
6/26/2019 2:03:14 PM

Quant Time: Jun 26 06:42:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	270405	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	1090728	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	544067	20.00	ng		0.00
64) Phenanthrene-d10	11.11	188	1072503	20.00	ng		0.00
76) Chrysene-d12	13.74	240	747183	20.00	ng		-0.01
87) Perylene-d12	15.11	264	809149	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1900048	108.43	ng		0.02
7) Phenol-d6	6.26	99	2361367	111.03	ng		0.00
23) Nitrobenzene-d5	7.18	82	1465575	82.66	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	708960	123.57	ng		0.00
45) 2-Fluorobiphenyl	8.97	172	2807580	87.65	ng		-0.01
79) Terphenyl-d14	12.69	244	2901564	82.57	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	300713	36.363	ng		98
3) Pyridine	2.94	79	807495	34.644	ng		97
4) n-Nitrosodimethylamine	2.88	42	335851	36.755	ng		99
6) Aniline	6.27	93	702571	24.036	ng	#	1
8) 2-Chlorophenol	6.40	128	807236	40.969	ng		97
9) Benzaldehyde	6.15	77	110235	7.945	ng		99
10) Phenol	6.27	94	937166	37.618	ng		96
11) bis(2-Chloroethyl)ether	6.35	93	729721	39.736	ng		98
12) 1,3-Dichlorobenzene	6.55	146	851625	38.946	ng		99
13) 1,4-Dichlorobenzene	6.63	146	861821	39.303	ng		100
14) 1,2-Dichlorobenzene	6.78	146	801032	39.447	ng		98
15) Benzyl Alcohol	6.76	79	550296	35.533	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1034971	38.857	ng		96
17) 2-Methylphenol	6.88	107	710064	43.660	ng		97
18) Hexachloroethane	7.12	117	311521	39.407	ng		97
19) n-Nitroso-di-n-propylamine	7.04	70	522064	38.341	ng		98
20) 3+4-Methylphenols	7.03	107	815447	43.423	ng		89
22) Acetophenone	7.02	105	1066697	42.719	ng	#	97
24) Nitrobenzene	7.20	77	809026	41.417	ng		98
25) Isophorone	7.44	82	1504410	41.418	ng		99
26) 2-Nitrophenol	7.51	139	460168	47.702	ng		99
27) 2,4-Dimethylphenol	7.56	122	777607	49.233	ng		99
28) bis(2-Chloroethoxy)methane	7.65	93	948171	41.301	ng		99
29) 2,4-Dichlorophenol	7.75	162	716138	43.936	ng		97
30) 1,2,4-Trichlorobenzene	7.84	180	764507	42.462	ng		99
31) Naphthalene	7.91	128	2285644	42.690	ng		100
32) Benzoic acid	7.70	122	613031	54.374	ng		96
33) 4-Chloroaniline	7.97	127	596737	24.387	ng		98
34) Hexachlorobutadiene	8.04	225	410722	41.628	ng		98
35) Caprolactam	8.34	113	244039m	44.532	ng		
36) 4-Chloro-3-methylphenol	8.45	107	733225	44.419	ng		99
37) 2-Methylnaphthalene	8.61	142	1584868	43.902	ng		99
38) 1-Methylnaphthalene	8.71	142	1509097	43.770	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	663157	43.134	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	689901	75.676	ng		99
43) 2,4,6-Trichlorophenol	8.88	196	528371	44.515	ng		99
44) 2,4,5-Trichlorophenol	8.93	196	553521	45.284	ng		98
46) 1,1'-Biphenyl	9.07	154	1849343	42.481	ng		99
47) 2-Chloronaphthalene	9.09	162	1482547	41.984	ng		98
48) 2-Nitroaniline	9.18	65	444688	43.195	ng		96
49) Acenaphthylene	9.51	152	2331562	42.379	ng		100
50) Dimethylphthalate	9.38	163	1717882	42.917	ng		100
51) 2,6-Dinitrotoluene	9.43	165	407586	44.105	ng		97
52) Acenaphthene	9.68	154	1381950	40.141	ng		99
53) 3-Nitroaniline	9.59	138	308362	27.343	ng		97
54) 2,4-Dinitrophenol	9.70	184	445655	92.459	ng		95
55) Dibenzofuran	9.85	168	2052947	41.547	ng		99
56) 4-Nitrophenol	9.77	139	729691	80.708	ng		94
57) 2,4-Dinitrotoluene	9.83	165	544217	45.608	ng		94
58) Fluorene	10.19	166	1415986	42.705	ng		98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	479318	46.765	ng		98
60) Diethylphthalate	10.08	149	1687741	41.945	ng		100
61) 4-Chlorophenyl-phenylether	10.18	204	685744	43.660	ng		96
62) 4-Nitroaniline	10.21	138	440806	38.963	ng		99
63) Azobenzene	10.34	77	1549427	41.228	ng		97
65) 4,6-Dinitro-2-methylphenol	10.24	198	263256	46.325	ng		90
66) n-Nitrosodiphenylamine	10.30	169	1434517	42.932	ng		99
67) 4-Bromophenyl-phenylether	10.67	248	491121	42.236	ng		92
68) Hexachlorobenzene	10.73	284	541382	42.893	ng		94
69) Atrazine	10.83	200	455618	42.389	ng		99
70) Pentachlorophenol	10.92	266	664616	82.655	ng		97
71) Phenanthrene	11.14	178	2313662	40.067	ng		99
72) Anthracene	11.19	178	2363010	40.539	ng		98
73) Carbazole	11.34	167	2163824	41.572	ng		98
74) Di-n-butylphthalate	11.69	149	2480467	41.240	ng		98
75) Fluoranthene	12.32	202	2356927	40.908	ng		99
77) Benzidine	12.44	184	812730	24.496	ng		99
78) Pyrene	12.54	202	2423488	42.205	ng		98
80) Butylbenzylphthalate	13.18	149	1124311	44.368	ng		96
81) Benzo(a)anthracene	13.72	228	2230761	41.609	ng		99
82) 3,3'-Dichlorobenzidine	13.69	252	710733	36.710	ng		100
83) Chrysene	13.77	228	2095774	42.675	ng		98
84) Bis(2-ethylhexyl)phthalate	13.75	149	1443527	43.474	ng	#	98
85) Di-n-octyl phthalate	14.36	149	2527771	45.310	ng		99
86) Indeno(1,2,3-cd)pyrene	16.39	276	2577531	44.354	ng		99
88) Benzo(b)fluoranthene	14.74	252	2503482	49.585	ng		99
89) Benzo(k)fluoranthene	14.77	252	2025339	44.732	ng		99
90) Benzo(a)pyrene	15.06	252	2231115	49.029	ng		99
91) Dibenzo(a,h)anthracene	16.41	278	2074734	48.837	ng		100
92) Benzo(g,h,i)perylene	16.78	276	2174396	50.570	ng		99

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

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