Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115584.D
Acq On : 16 Jul 2019 9:06
Operator : HP/JU
Sample : PB121322BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121322BS

Manual Integrations APPROVED
mohammad
7/17/2019 12:05:25 PM

Quant Time: Jul 16 15:36:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	198668	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	819972	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	354346	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	692467	20.00	ng		0.00
76) Chrysene-d12	14.04	240	446707	20.00	ng		0.00
87) Perylene-d12	15.52	264	325570	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1309176	107.79	ng		0.02
7) Phenol-d6	6.52	99	1708019	110.83	ng		0.00
23) Nitrobenzene-d5	7.45	82	1064631	75.50	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	454052	109.78	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1930190	95.34	ng		0.00
79) Terphenyl-d14	12.99	244	1821370	75.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	193481	31.936	ng		98
3) Pyridine	3.53	79	482698	29.366	ng		99
4) n-Nitrosodimethylamine	3.48	42	212768	35.681	ng		97
6) Aniline	6.55	93	536497	25.015	ng		98
8) 2-Chlorophenol	6.67	128	533146	38.180	ng		96
9) Benzaldehyde	6.43	77	95135	9.878	ng		99
10) Phenol	6.53	94	671191	37.516	ng		84
11) bis(2-Chloroethyl)ether	6.62	93	505904	37.141	ng		99
12) 1,3-Dichlorobenzene	6.83	146	548210	34.917	ng		99
13) 1,4-Dichlorobenzene	6.90	146	554046	35.369	ng		97
14) 1,2-Dichlorobenzene	7.06	146	515710	36.014	ng		97
15) Benzyl Alcohol	7.02	79	472541	38.652	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	686710	38.294	ng		96
17) 2-Methylphenol	7.13	107	457161	37.989	ng		100
18) Hexachloroethane	7.40	117	206258	35.474	ng		95
19) n-Nitroso-di-n-propylamine	7.30	70	372715	37.082	ng		98
20) 3+4-Methylphenols	7.29	107	542249	37.935	ng		96
22) Acetophenone	7.29	105	731217	39.473	ng	#	94
24) Nitrobenzene	7.46	77	581564	38.236	ng		97
25) Isophorone	7.70	82	1072864	38.021	ng		100
26) 2-Nitrophenol	7.78	139	307374	39.262	ng		96
27) 2,4-Dimethylphenol	7.82	122	512663	43.766	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	661433	38.209	ng		99
29) 2,4-Dichlorophenol	8.02	162	466295	38.276	ng		99
30) 1,2,4-Trichlorobenzene	8.11	180	506429	36.776	ng		98
31) Naphthalene	8.19	128	1533374	38.613	ng		97
32) Benzoic acid	7.95	122	381065	39.640	ng		99
33) 4-Chloroaniline	8.23	127	367778	20.908	ng		98
34) Hexachlorobutadiene	8.31	225	290255	36.756	ng		99
35) Caprolactam	8.60	113	147059m	39.065	ng		
36) 4-Chloro-3-methylphenol	8.72	107	491496	38.894	ng		100
37) 2-Methylnaphthalene	8.88	142	1050215	39.897	ng		98
38) 1-Methylnaphthalene	8.98	142	989125	39.560	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	476735	44.677	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	389492	63.988	ng		98
43) 2,4,6-Trichlorophenol	9.16	196	340052	43.578	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	356137	44.565	ng		99
46) 1,1'-Biphenyl	9.35	154	1258204	45.419	ng		99
47) 2-Chloronaphthalene	9.37	162	1009874	43.781	ng		98
48) 2-Nitroaniline	9.46	65	310479	43.488	ng		95
49) Acenaphthylene	9.79	152	1322554	38.695	ng		97
50) Dimethylphthalate	9.65	163	1122931	42.121	ng		99
51) 2,6-Dinitrotoluene	9.70	165	239095	39.463	ng		87
52) Acenaphthene	9.96	154	929253	42.112	ng		98
53) 3-Nitroaniline	9.87	138	172386	24.898	ng		99
54) 2,4-Dinitrophenol	9.98	184	249926	80.346	ng		95
55) Dibenzofuran	10.13	168	1189350	37.954	ng		100
56) 4-Nitrophenol	10.03	139	371564	70.378	ng		99
57) 2,4-Dinitrotoluene	10.10	165	316290	40.295	ng		98
58) Fluorene	10.47	166	884196	39.469	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	270555	40.500	ng		98
60) Diethylphthalate	10.35	149	973595	38.976	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	456436	36.740	ng		98
62) 4-Nitroaniline	10.49	138	231720	34.891	ng		99
63) Azobenzene	10.62	77	944154	38.968	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	164096	38.787	ng		99
66) n-Nitrosodiphenylamine	10.58	169	823418	38.227	ng		98
67) 4-Bromophenyl-phenylether	10.95	248	289075	36.530	ng		99
68) Hexachlorobenzene	11.02	284	330096	36.527	ng	#	93
69) Atrazine	11.10	200	249297	35.279	ng		99
70) Pentachlorophenol	11.22	266	395173	71.496	ng		99
71) Phenanthrene	11.43	178	1355240	38.181	ng		98
72) Anthracene	11.49	178	1380881	37.644	ng		99
73) Carbazole	11.63	167	1219253	37.902	ng		99
74) Di-n-butylphthalate	11.97	149	1501188	37.886	ng		100
75) Fluoranthene	12.62	202	1417393	37.788	ng		100
77) Benzidine	12.73	184	305464	19.303	ng		100
78) Pyrene	12.85	202	1419788	37.514	ng		98
80) Butylbenzylphthalate	13.46	149	630606	39.086	ng		98
81) Benzo(a)anthracene	14.03	228	1089561	37.023	ng		97
82) 3,3'-Dichlorobenzidine	13.99	252	325758	31.138	ng		97
83) Chrysene	14.07	228	1131415	38.297	ng		98
84) Bis(2-ethylhexyl)phthalate	14.02	149	799403	40.001	ng	#	98
85) Di-n-octyl phthalate	14.64	149	1290245	40.577	ng		98
86) Indeno(1,2,3-cd)pyrene	17.00	276	896614	35.723	ng		100
88) Benzo(b)fluoranthene	15.09	252	972574	46.392	ng		99
89) Benzo(k)fluoranthene	15.12	252	959477	51.335	ng		98
90) Benzo(a)pyrene	15.46	252	869575	48.260	ng		99
91) Dibenzo(a,h)anthracene	17.02	278	768407	48.577	ng		98
92) Benzo(g,h,i)perylene	17.44	276	735361	46.613	ng		100

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

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