Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
Data File : BF115407.D
Acq On : 8 Jul 2019 15:54
Operator : HP/JU
Sample : PB121130BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121130BS

Manual Integrations APPROVED
mohammad
7/10/2019 9:04:25 AM

Quant Time: Jul 08 17:30:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 14:57:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	184825	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	725090	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	359947	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	681908	20.00	ng		0.00
76) Chrysene-d12	14.06	240	470798	20.00	ng		-0.01
87) Perylene-d12	15.54	264	430561	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1433004	119.79	ng		0.02
7) Phenol-d6	6.53	99	1817779	119.48	ng		0.00
23) Nitrobenzene-d5	7.46	82	1088937	88.73	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	519472	130.53	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1934850	94.32	ng		0.00
79) Terphenyl-d14	13.00	244	1992365	86.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	242725	41.367	ng		99
3) Pyridine	3.57	79	623842	38.450	ng		99
4) n-Nitrosodimethylamine	3.52	42	264494	40.200	ng		97
6) Aniline	6.56	93	675229	31.451	ng		99
8) 2-Chlorophenol	6.69	128	574418	42.526	ng		96
9) Benzaldehyde	6.45	77	327553	36.847	ng		97
10) Phenol	6.54	94	733227	40.281	ng		96
11) bis(2-Chloroethyl)ether	6.63	93	555234	41.117	ng		99
12) 1,3-Dichlorobenzene	6.84	146	613207	41.437	ng		99
13) 1,4-Dichlorobenzene	6.92	146	622362	41.985	ng		99
14) 1,2-Dichlorobenzene	7.07	146	570057	41.537	ng		99
15) Benzyl Alcohol	7.03	79	514321	42.129	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	760045	40.253	ng		100
17) 2-Methylphenol	7.15	107	486355	42.028	ng		99
18) Hexachloroethane	7.42	117	232163	42.043	ng		98
19) n-Nitroso-di-n-propylamine	7.31	70	409796	39.814	ng		99
20) 3+4-Methylphenols	7.30	107	587199	42.958	ng		94
22) Acetophenone	7.30	105	791641	45.563	ng	#	99
24) Nitrobenzene	7.47	77	635300	45.838	ng		98
25) Isophorone	7.72	82	1155335	43.433	ng		99
26) 2-Nitrophenol	7.79	139	300130	52.672	ng		98
27) 2,4-Dimethylphenol	7.83	122	555916	51.164	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	715080	43.594	ng		100
29) 2,4-Dichlorophenol	8.03	162	492883	45.545	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	540942	44.900	ng		99
31) Naphthalene	8.20	128	1643599	45.636	ng		100
32) Benzoic acid	7.95	122	380590	48.072	ng		95
33) 4-Chloroaniline	8.24	127	374158	23.284	ng		98
34) Hexachlorobutadiene	8.32	225	303356	44.400	ng		98
35) Caprolactam	8.62	113	152519m	43.272	ng		
36) 4-Chloro-3-methylphenol	8.72	107	511834	44.714	ng		98
37) 2-Methylnaphthalene	8.89	142	1103714	45.849	ng		100
38) 1-Methylnaphthalene	8.99	142	1040857	45.317	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	487992	47.125	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 14:57:35 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	566664	94.416	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	350867	46.541	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	355727	45.506	ng		97
46) 1,1'-Biphenyl	9.36	154	1321398	46.697	ng		99
47) 2-Chloronaphthalene	9.38	162	1048216	44.820	ng		100
48) 2-Nitroaniline	9.47	65	317733	46.242	ng		97
49) Acenaphthylene	9.80	152	1599175	45.163	ng		100
50) Dimethylphthalate	9.66	163	1185699	43.888	ng		100
51) 2,6-Dinitrotoluene	9.71	165	272224	46.460	ng		99
52) Acenaphthene	9.97	154	1107435	49.695	ng		99
53) 3-Nitroaniline	9.87	138	203774	29.944	ng		100
54) 2,4-Dinitrophenol	9.99	184	252052	97.331	ng	#	64
55) Dibenzofuran	10.14	168	1436215	45.751	ng		99
56) 4-Nitrophenol	10.04	139	473964	90.020	ng		96
57) 2,4-Dinitrotoluene	10.12	165	361115	48.495	ng		94
58) Fluorene	10.49	166	1059004	42.795	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	310226	45.939	ng		100
60) Diethylphthalate	10.36	149	1157634	43.533	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	539869	44.698	ng		98
62) 4-Nitroaniline	10.50	138	293463	43.932	ng		99
63) Azobenzene	10.63	77	1193713	43.548	ng		99
65) 4,6-Dinitro-2-methylphenol	10.53	198	170030	51.413	ng		86
66) n-Nitrosodiphenylamine	10.59	169	980536	45.637	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	347078	45.361	ng		97
68) Hexachlorobenzene	11.03	284	383489	44.665	ng		99
69) Atrazine	11.12	200	320500	48.200	ng		99
70) Pentachlorophenol	11.22	266	456884	87.316	ng		98
71) Phenanthrene	11.45	178	1600752	44.635	ng		99
72) Anthracene	11.50	178	1645579	45.758	ng		100
73) Carbazole	11.65	167	1440654	43.789	ng		100
74) Di-n-butylphthalate	11.98	149	1727930	43.457	ng		99
75) Fluoranthene	12.63	202	1662025	44.014	ng		99
77) Benzidine	12.75	184	794254	43.262	ng		99
78) Pyrene	12.86	202	1681044	45.916	ng		99
80) Butylbenzylphthalate	13.47	149	735525	45.981	ng		94
81) Benzo(a)anthracene	14.05	228	1330700	44.113	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	363624	33.220	ng		99
83) Chrysene	14.09	228	1385405	44.698	ng		100
84) Bis(2-ethylhexyl)phthalate	14.04	149	925239	46.706	ng		99
85) Di-n-octyl phthalate	14.67	149	1616174	45.828	ng		99
86) Indeno(1,2,3-cd)pyrene	17.03	276	1162641	45.921	ng	#	100
88) Benzo(b)fluoranthene	15.12	252	1247664	44.506	ng		99
89) Benzo(k)fluoranthene	15.14	252	1196836	48.006	ng		99
90) Benzo(a)pyrene	15.49	252	1125921	46.566	ng		98
91) Dibenzo(a,h)anthracene	17.05	278	974643	47.172	ng		98
92) Benzo(g,h,i)perylene	17.48	276	957590	48.965	ng		99

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

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