Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
Data File : BF118360.D
Acq On : 28 Dec 2019 12:45
Operator : JU
Sample : PB125749BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125749BS

Manual Integrations APPROVED
mohammad
12/30/2019 2:08:41 PM

Quant Time: Dec 29 07:25:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	144082	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	607721	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	328664	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	617579	20.00	ng		0.00
76) Chrysene-d12	14.06	240	394930	20.00	ng		0.00
87) Perylene-d12	15.54	264	234325	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	972968	115.27	ng		0.02
7) Phenol-d6	6.50	99	1181636	112.85	ng		0.01
23) Nitrobenzene-d5	7.42	82	781969	73.59	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	426869	105.17	ng		0.01
45) 2-Fluorobiphenyl	9.22	172	1670434	77.58	ng		0.00
79) Terphenyl-d14	12.99	244	1910499	80.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	132647	39.532	ng		98
3) Pyridine	3.45	79	307694	34.418	ng		100
4) n-Nitrosodimethylamine	3.40	42	154265	41.736	ng		96
6) Aniline	6.52	93	347059	26.102	ng	#	78
8) 2-Chlorophenol	6.65	128	433692	45.367	ng		99
9) Benzaldehyde	6.40	77	74061	12.064	ng		99
10) Phenol	6.51	94	505187	42.926	ng		90
11) bis(2-Chloroethyl)ether	6.59	93	374861	44.538	ng		96
12) 1,3-Dichlorobenzene	6.79	146	457401	41.545	ng		99
13) 1,4-Dichlorobenzene	6.87	146	469245	41.961	ng		99
14) 1,2-Dichlorobenzene	7.03	146	442880	41.947	ng		98
15) Benzyl Alcohol	7.00	79	353337	44.319	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	380091	42.320	ng		87
17) 2-Methylphenol	7.12	107	342671	44.692	ng		96
18) Hexachloroethane	7.36	117	168322	41.011	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	280455	43.478	ng		98
20) 3+4-Methylphenols	7.27	107	440965	44.936	ng		92
22) Acetophenone	7.26	105	578099	38.813	ng	#	95
24) Nitrobenzene	7.44	77	425056	39.935	ng		100
25) Isophorone	7.68	82	773619	41.777	ng		99
26) 2-Nitrophenol	7.76	139	242019	42.929	ng		96
27) 2,4-Dimethylphenol	7.80	122	373421	48.547	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	479974	39.632	ng		99
29) 2,4-Dichlorophenol	8.00	162	367986	41.564	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	405717	39.339	ng		96
31) Naphthalene	8.16	128	1264333	40.932	ng		99
32) Benzoic acid	7.95	122	225169	36.243	ng		98
33) 4-Chloroaniline	8.22	127	281079	21.227	ng		97
34) Hexachlorobutadiene	8.27	225	232700	37.904	ng		99
35) Caprolactam	8.60	113	119351m	43.180	ng		
36) 4-Chloro-3-methylphenol	8.71	107	388476	40.869	ng		99
37) 2-Methylnaphthalene	8.86	142	880910	41.654	ng		99
38) 1-Methylnaphthalene	8.96	142	827898	41.552	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	388334	39.325	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	189523	49.466	ng	97
43) 2,4,6-Trichlorophenol	9.15	196	262286	39.758	ng	100
44) 2,4,5-Trichlorophenol	9.19	196	273739	40.336	ng	99
46) 1,1'-Biphenyl	9.32	154	1046784	40.268	ng	98
47) 2-Chloronaphthalene	9.35	162	812945	38.856	ng	99
48) 2-Nitroaniline	9.45	65	220691	37.345	ng	100
49) Acenaphthylene	9.77	152	1271875	40.989	ng	100
50) Dimethylphthalate	9.62	163	977296	39.614	ng	99
51) 2,6-Dinitrotoluene	9.69	165	217049	40.808	ng	99
52) Acenaphthene	9.94	154	747294	39.539	ng	99
53) 3-Nitroaniline	9.86	138	147100	23.564	ng	90
54) 2,4-Dinitrophenol	9.98	184	195933	73.510	ng	98
55) Dibenzofuran	10.12	168	1139934	40.818	ng	99
56) 4-Nitrophenol	10.05	139	295468	76.668	ng	86
57) 2,4-Dinitrotoluene	10.10	165	286229	40.274	ng	91
58) Fluorene	10.46	166	906096	40.192	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	234189	40.613	ng	99
60) Diethylphthalate	10.33	149	979793	40.144	ng	100
61) 4-Chlorophenyl-phenylether	10.44	204	447110	39.729	ng	98
62) 4-Nitroaniline	10.49	138	210606	32.475	ng	98
63) Azobenzene	10.61	77	842091	40.280	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	149222	44.790	ng	97
66) n-Nitrosodiphenylamine	10.57	169	792437	40.036	ng	98
67) 4-Bromophenyl-phenylether	10.94	248	283326	39.201	ng	97
68) Hexachlorobenzene	11.01	284	325223	38.229	ng	99
69) Atrazine	11.10	200	251145	41.112	ng	94
70) Pentachlorophenol	11.21	266	280868	76.232	ng	99
71) Phenanthrene	11.43	178	1318001	39.148	ng	99
72) Anthracene	11.48	178	1351966	40.119	ng	99
73) Carbazole	11.63	167	1161555	38.845	ng	99
74) Di-n-butylphthalate	11.96	149	1559628	41.135	ng	100
75) Fluoranthene	12.62	202	1334180	39.266	ng	98
77) Benzidine	12.74	184	216674	20.023	ng	99
78) Pyrene	12.85	202	1338648	41.508	ng	99
80) Butylbenzylphthalate	13.46	149	623762	42.956	ng	97
81) Benzo(a)anthracene	14.04	228	1081660	39.128	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	309778	33.051	ng	100
83) Chrysene	14.09	228	1034197	39.071	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	880543	46.116	ng	98
85) Di-n-octyl phthalate	14.63	149	1312173	46.719	ng	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	826300	36.637	ng	100
88) Benzo(b)fluoranthene	15.11	252	861225	55.368	ng	99
89) Benzo(k)fluoranthene	15.14	252	855172	57.259	ng	99
90) Benzo(a)pyrene	15.49	252	732017	53.423	ng	99
91) Dibenzo(a,h)anthracene	17.07	278	712500	59.921	ng	98
92) Benzo(g,h,i)perylene	17.52	276	694294	60.446	ng	97

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

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