Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119844.D
Acq On : 9 Apr 2020 00:44
Operator : MA/SJ
Sample : PB128044BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB128044BS

Manual Integrations APPROVED
mohammad
4/10/2020 9:57:15 AM

Quant Time: Apr 09 02:38:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 01:21:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	154479	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	620027	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	341052	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	663032	20.00	ng	0.00
76) Chrysene-d12	13.94	240	482543	20.00	ng	0.00
87) Perylene-d12	15.37	264	476048	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1172274	131.14	ng	0.01
7) Phenol-d6	6.40	99	1507342	130.87	ng	0.00
23) Nitrobenzene-d5	7.33	82	943091	78.69	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	508640	121.81	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1959758	81.58	ng	0.00
79) Terphenyl-d14	12.89	244	2354073	82.09	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.53	88	146768	36.864	ng	99
3) Pyridine	3.25	79	400267	36.643	ng	96
4) n-Nitrosodimethylamine	3.20	42	248082	44.450	ng	95
6) Aniline	6.43	93	506814	33.525	ng	97
8) 2-Chlorophenol	6.55	128	472480	47.307	ng	96
9) Benzaldehyde	6.32	77	217032	32.297	ng	97
10) Phenol	6.42	94	603275	46.167	ng	98
11) bis(2-Chloroethyl)ether	6.50	93	443470	43.954	ng	98
12) 1,3-Dichlorobenzene	6.71	146	474398	43.386	ng	97
13) 1,4-Dichlorobenzene	6.79	146	478616	42.970	ng	98
14) 1,2-Dichlorobenzene	6.94	146	460979	44.908	ng	96
15) Benzyl Alcohol	6.92	79	401679m	44.900	ng	
16) 2,2'-oxybis(1-Chloropropan	7.05	45	828702	42.209	ng	99
17) 2-Methylphenol	7.03	107	386637	43.379	ng	96
18) Hexachloroethane	7.28	117	180629	43.392	ng	96
19) n-Nitroso-di-n-propylamine	7.19	70	330735	44.653	ng	99
20) 3+4-Methylphenols	7.18	107	482174	44.232	ng	93
22) Acetophenone	7.18	105	635373	43.761	ng	98
24) Nitrobenzene	7.35	77	493821	40.959	ng	99
25) Isophorone	7.59	82	933196	40.392	ng	99
26) 2-Nitrophenol	7.67	139	258347	42.890	ng	97
27) 2,4-Dimethylphenol	7.71	122	416332	45.829	ng	98
28) bis(2-Chloroethoxy)methane	7.80	93	602186	44.294	ng	99
29) 2,4-Dichlorophenol	7.91	162	414066	44.467	ng	97
30) 1,2,4-Trichlorobenzene	7.99	180	437039	41.422	ng	98
31) Naphthalene	8.07	128	1371662	42.048	ng	99
32) Benzoic acid	7.84	122	343527	43.057	ng	97
33) 4-Chloroaniline	8.12	127	342374	24.108	ng	99
34) Hexachlorobutadiene	8.19	225	245301	38.839	ng	99
35) Caprolactam	8.50	113	131327m	46.105	ng	
36) 4-Chloro-3-methylphenol	8.62	107	459168	45.545	ng	96
37) 2-Methylnaphthalene	8.77	142	951764	43.034	ng	98
38) 1-Methylnaphthalene	8.87	142	937628	44.980	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	440498	40.893	ng	98

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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	8.92	237	538468	87.909	ng		97
43) 2,4,6-Trichlorophenol	9.05	196	312424	42.001	ng		100
44) 2,4,5-Trichlorophenol	9.09	196	346457	41.354	ng		93
46) 1,1'-Biphenyl	9.23	154	1155750	40.149	ng		98
47) 2-Chloronaphthalene	9.26	162	910474	41.057	ng		97
48) 2-Nitroaniline	9.36	65	337625	42.013	ng		98
49) Acenaphthylene	9.67	152	1479221	43.861	ng		99
50) Dimethylphthalate	9.54	163	1134652	43.012	ng		99
51) 2,6-Dinitrotoluene	9.60	165	253455	43.875	ng		97
52) Acenaphthene	9.85	154	1081589m	48.077	ng		
53) 3-Nitroaniline	9.77	138	185652	28.139	ng		92
54) 2,4-Dinitrophenol	9.87	184	320974	92.806	ng	#	89
55) Dibenzofuran	10.02	168	1299074	42.080	ng		99
56) 4-Nitrophenol	9.94	139	432797	88.165	ng		94
57) 2,4-Dinitrotoluene	10.00	165	340155	44.693	ng		96
58) Fluorene	10.36	166	1042819	42.238	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.14	232	299598	46.757	ng		100
60) Diethylphthalate	10.24	149	1224487	44.786	ng		98
61) 4-Chlorophenyl-phenylether	10.36	204	500750	39.572	ng		100
62) 4-Nitroaniline	10.39	138	289336	46.017	ng		97
63) Azobenzene	10.52	77	1169137	47.715	ng		99
65) 4,6-Dinitro-2-methylphenol	10.42	198	212467	48.640	ng		90
66) n-Nitrosodiphenylamine	10.47	169	1029474	46.687	ng		98
67) 4-Bromophenyl-phenylether	10.85	248	336414	40.800	ng		99
68) Hexachlorobenzene	10.91	284	359336	42.959	ng		99
69) Atrazine	11.00	200	318259	51.875	ng		99
70) Pentachlorophenol	11.10	266	420704	87.276	ng		98
71) Phenanthrene	11.33	178	1530094	43.361	ng		99
72) Anthracene	11.37	178	1600014	44.386	ng		99
73) Carbazole	11.53	167	1440714	42.263	ng		99
74) Di-n-butylphthalate	11.87	149	1912068	42.667	ng		99
75) Fluoranthene	12.52	202	1695651	44.535	ng		96
77) Benzidine	12.63	184	673373	41.283	ng		97
78) Pyrene	12.74	202	1672869	41.123	ng		100
80) Butylbenzylphthalate	13.36	149	794356	40.243	ng		100
81) Benzo(a)anthracene	13.93	228	1346036	42.402	ng		99
82) 3,3'-Dichlorobenzidine	13.89	252	388714	32.818	ng		97
83) Chrysene	13.97	228	1376700	42.681	ng		99
84) Bis(2-ethylhexyl)phthalate	13.93	149	1080874	40.436	ng		100
85) Di-n-octyl phthalate	14.54	149	1924542	42.285	ng		99
86) Indeno(1,2,3-cd)pyrene	16.80	276	1237845	43.536	ng		99
88) Benzo(b)fluoranthene	14.97	252	1549139	45.236	ng		99
89) Benzo(k)fluoranthene	15.00	252	1349981	45.688	ng		100
90) Benzo(a)pyrene	15.32	252	1219813	42.364	ng		99
91) Dibenzo(a,h)anthracene	16.82	278	1030474	40.402	ng		98
92) Benzo(g,h,i)perylene	17.23	276	986314	39.176	ng		100

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

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