Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
Data File : BF120531.D
Acq On : 4 Jun 2020 14:03
Operator : JU/CG
Sample : PB129254BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB129254BS

Manual Integrations APPROVED
mohammad
6/5/2020 11:57:13 AM

Quant Time: Jun 04 15:00:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 03 14:26:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	198807	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	753995	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	390412	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	742425	20.00	ng		0.00
76) Chrysene-d12	14.00	240	563535	20.00	ng		-0.01
86) Perylene-d12	15.45	264	569393	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1059897	101.60	ng		0.00
7) Phenol-d6	6.47	99	1327270	103.22	ng		0.00
23) Nitrobenzene-d5	7.39	82	857710	74.41	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	405870	112.20	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1636594	71.12	ng		-0.01
79) Terphenyl-d14	12.94	244	1509779	59.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	175879	34.035	ng		99
3) Pyridine	3.40	79	458438	32.032	ng		99
4) n-Nitrosodimethylamine	3.35	42	242735	40.078	ng		98
6) Aniline	6.49	93	541724	30.216	ng		100
8) 2-Chlorophenol	6.62	128	455804	38.750	ng		98
9) Benzaldehyde	6.37	77	239789	30.598	ng		99
10) Phenol	6.48	94	536208	38.134	ng		96
11) bis(2-Chloroethyl)ether	6.56	93	425297	36.195	ng		99
12) 1,3-Dichlorobenzene	6.77	146	463401	35.859	ng		98
13) 1,4-Dichlorobenzene	6.85	146	472651	36.659	ng		99
14) 1,2-Dichlorobenzene	7.00	146	434082	36.450	ng		99
15) Benzyl Alcohol	6.97	79	362565	37.406	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	614184	33.156	ng		99
17) 2-Methylphenol	7.09	107	369779	35.155	ng		98
18) Hexachloroethane	7.34	117	174975	37.074	ng		94
19) n-Nitroso-di-n-propylamine	7.25	70	286891	35.100	ng		97
20) 3+4-Methylphenols	7.24	107	416588	31.351	ng		98
22) Acetophenone	7.24	105	558093	36.445	ng	#	97
24) Nitrobenzene	7.41	77	446866	35.989	ng		99
25) Isophorone	7.65	82	835503	36.064	ng		100
26) 2-Nitrophenol	7.73	139	244914	43.748	ng		96
27) 2,4-Dimethylphenol	7.76	122	396591	40.793	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	529259	37.936	ng		100
29) 2,4-Dichlorophenol	7.97	162	378985	38.594	ng		100
30) 1,2,4-Trichlorobenzene	8.05	180	414923	37.652	ng		99
31) Naphthalene	8.13	128	1167961	35.271	ng		99
32) Benzoic acid	7.89	122	234828	32.549	ng		97
33) 4-Chloroaniline	8.18	127	354432	24.151	ng		98
34) Hexachlorobutadiene	8.25	225	214870	32.895	ng		97
35) Caprolactam	8.56	113	96768m	30.428	ng		
36) 4-Chloro-3-methylphenol	8.67	107	350936	35.225	ng		96
37) 2-Methylnaphthalene	8.83	142	764873	34.872	ng		98
38) 1-Methylnaphthalene	8.93	142	776895	37.525	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	394247	39.378	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	8.98	237	493631	88.342 ng	99
43) 2,4,6-Trichlorophenol	9.10	196	287322	39.680 ng	99
44) 2,4,5-Trichlorophenol	9.15	196	301981	36.791 ng	99
46) 1,1'-Biphenyl	9.29	154	1041547	40.611 ng	97
47) 2-Chloronaphthalene	9.32	162	803588	38.051 ng	99
48) 2-Nitroaniline	9.41	65	241828	37.595 ng	96
49) Acenaphthylene	9.73	152	1285016	39.375 ng	99
50) Dimethylphthalate	9.59	163	924624	37.883 ng	99
51) 2,6-Dinitrotoluene	9.65	165	212118	39.106 ng	99
52) Acenaphthene	9.90	154	865418m	42.489 ng	
53) 3-Nitroaniline	9.82	138	165051	25.913 ng	96
54) 2,4-Dinitrophenol	9.93	184	220640	99.006 ng	98
55) Dibenzofuran	10.07	168	1137174	38.420 ng	98
56) 4-Nitrophenol	9.99	139	367369	75.336 ng	98
57) 2,4-Dinitrotoluene	10.06	165	280824	40.453 ng	99
58) Fluorene	10.42	166	847102	38.138 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	254670	39.817 ng	99
60) Diethylphthalate	10.29	149	916047	37.140 ng	100
61) 4-Chlorophenyl-phenylether	10.41	204	419055	34.799 ng	96
62) 4-Nitroaniline	10.44	138	229053	38.092 ng	99
63) Azobenzene	10.57	77	862027	37.157 ng	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	149914	55.361 ng	94
66) n-Nitrosodiphenylamine	10.53	169	797122	38.652 ng	98
67) 4-Bromophenyl-phenylether	10.90	248	279804	37.336 ng	97
68) Hexachlorobenzene	10.97	284	308528	38.658 ng	96
69) Atrazine	11.06	200	231161	39.767 ng	99
70) Pentachlorophenol	11.16	266	322893	66.172 ng	99
71) Phenanthrene	11.38	178	1273582	38.931 ng	99
72) Anthracene	11.43	178	1313823	40.028 ng	99
73) Carbazole	11.59	167	1206614	38.007 ng	100
74) Di-n-butylphthalate	11.92	149	1218348	32.991 ng	99
75) Fluoranthene	12.57	202	1118513	31.776 ng	99
77) Benzidine	12.69	184	605628	40.902 ng	97
78) Pyrene	12.80	202	1147615	29.283 ng	99
80) Butylbenzylphthalate	13.42	149	565558	34.567 ng	98
81) Benzo(a)anthracene	13.99	228	1176491	38.954 ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	326435	29.771 ng	99
83) Chrysene	14.03	228	1192575	37.664 ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	765069	39.835 ng	99
85) Di-n-octyl phthalate	14.59	149	1340552	40.339 ng	99
87) Indeno(1,2,3-cd)pyrene	16.90	276	1114841	35.798 ng	100
88) Benzo(b)fluoranthene	15.03	252	1138365	35.995 ng	99
89) Benzo(k)fluoranthene	15.06	252	1083251	36.690 ng	99
90) Benzo(a)pyrene	15.39	252	1032600	37.328 ng	99
91) Dibenzo(a,h)anthracene	16.92	278	926551	36.493 ng	97
92) Benzo(g,h,i)perylene	17.34	276	910170	36.346 ng	99

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

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