Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
Data File : BF121844.D
Acq On : 6 Oct 2020 10:35
Operator : JU/CG
Sample : PB132087BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB132087BS

Manual Integrations APPROVED
mohammad
10/7/2020 10:40:34 AM

Quant Time: Oct 06 12:04:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	144456	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	571239	20.00	ng		0.00
39) Acenaphthene-d10	9.80	164	302526	20.00	ng		0.00
64) Phenanthrene-d10	11.29	188	557273	20.00	ng		0.00
76) Chrysene-d12	13.93	240	437566	20.00	ng		0.00
86) Perylene-d12	15.36	264	359132	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	950798	97.82	ng		0.02
7) Phenol-d6	6.42	99	1237094	97.01	ng		0.00
23) Nitrobenzene-d5	7.34	82	1074230	100.97	ng		0.00
42) 2,4,6-Tribromophenol	10.60	330	367634	97.78	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	1806332	90.43	ng		0.00
79) Terphenyl-d14	12.87	244	1658909	76.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	165643	37.093	ng		99
3) Pyridine	3.33	79	368235	29.828	ng		99
4) n-Nitrosodimethylamine	3.29	42	217811	38.037	ng		97
6) Aniline	6.43	93	413002	24.866	ng	#	60
8) 2-Chlorophenol	6.56	128	391929	39.602	ng		97
9) Benzaldehyde	6.32	77	220227	26.417	ng		98
10) Phenol	6.43	94	489315	36.033	ng		99
11) bis(2-Chloroethyl)ether	6.50	93	399871	39.069	ng		100
12) 1,3-Dichlorobenzene	6.70	146	425145	38.488	ng		98
13) 1,4-Dichlorobenzene	6.78	146	427642	38.556	ng		100
14) 1,2-Dichlorobenzene	6.93	146	387819	37.956	ng		97
15) Benzyl Alcohol	6.92	79	326752	37.697	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	614680	37.321	ng		90
17) 2-Methylphenol	7.03	107	335102	39.795	ng	#	94
18) Hexachloroethane	7.27	117	157332	39.616	ng		96
19) n-Nitroso-di-n-propylamine	7.19	70	284752	38.744	ng		99
20) 3+4-Methylphenols	7.19	107	399301	39.467	ng	#	81
22) Acetophenone	7.18	105	552827	38.143	ng		97
24) Nitrobenzene	7.35	77	436915	37.970	ng		100
25) Isophorone	7.59	82	797438	37.234	ng		99
26) 2-Nitrophenol	7.67	139	215700	40.254	ng		97
27) 2,4-Dimethylphenol	7.71	122	351611	36.779	ng		99
28) bis(2-Chloroethoxy)methane	7.80	93	506270	38.184	ng		99
29) 2,4-Dichlorophenol	7.92	162	335035	38.477	ng		97
30) 1,2,4-Trichlorobenzene	7.99	180	349358	38.096	ng		99
31) Naphthalene	8.07	128	1136578	37.691	ng		99
32) Benzoic acid	7.87	122	172465	27.621	ng		97
33) 4-Chloroaniline	8.12	127	339716	25.989	ng		99
34) Hexachlorobutadiene	8.19	225	208422	38.720	ng		98
35) Caprolactam	8.51	113	108787m	37.517	ng		
36) 4-Chloro-3-methylphenol	8.62	107	358647	38.235	ng		99
37) 2-Methylnaphthalene	8.76	142	754582	38.184	ng		99
38) 1-Methylnaphthalene	8.86	142	698026	37.953	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	358591	37.946	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	8.92	237	216370	40.094	ng		98
43) 2,4,6-Trichlorophenol	9.05	196	230961	35.857	ng		98
44) 2,4,5-Trichlorophenol	9.09	196	238903	35.084	ng		97
46) 1,1'-Biphenyl	9.23	154	898961	37.118	ng		99
47) 2-Chloronaphthalene	9.25	162	683082	35.791	ng		100
48) 2-Nitroaniline	9.35	65	240184	40.498	ng		99
49) Acenaphthylene	9.67	152	1078537	36.780	ng		100
50) Dimethylphthalate	9.53	163	827530	37.741	ng		99
51) 2,6-Dinitrotoluene	9.60	165	184309	39.470	ng		87
52) Acenaphthene	9.84	154	625912	33.794	ng		98
53) 3-Nitroaniline	9.76	138	138580	25.618	ng		100
54) 2,4-Dinitrophenol	9.88	184	168345	64.483	ng	#	86
55) Dibenzofuran	10.01	168	912991	35.003	ng		99
56) 4-Nitrophenol	9.95	139	226900	52.595	ng		86
57) 2,4-Dinitrotoluene	10.00	165	225928	38.458	ng		92
58) Fluorene	10.35	166	724697	36.332	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	200589	36.235	ng		97
60) Diethylphthalate	10.23	149	790780	36.990	ng		99
61) 4-Chlorophenyl-phenylether	10.35	204	357372	37.402	ng		99
62) 4-Nitroaniline	10.38	138	192571	35.853	ng		96
63) Azobenzene	10.50	77	822971	36.149	ng		99
65) 4,6-Dinitro-2-methylphenol	10.42	198	127058	38.704	ng		97
66) n-Nitrosodiphenylamine	10.46	169	691374	36.162	ng		99
67) 4-Bromophenyl-phenylether	10.83	248	239202	37.700	ng		98
68) Hexachlorobenzene	10.90	284	270875	37.830	ng	#	90
69) Atrazine	10.99	200	201247	42.368	ng		99
70) Pentachlorophenol	11.10	266	229200	58.286	ng		98
71) Phenanthrene	11.32	178	1087626	35.821	ng		100
72) Anthracene	11.36	178	1108770	35.387	ng		99
73) Carbazole	11.52	167	1009468	35.702	ng		100
74) Di-n-butylphthalate	11.85	149	1228666	37.650	ng		99
75) Fluoranthene	12.50	202	1173317	36.200	ng		99
77) Benzidine	12.62	184	416799	28.732	ng		99
78) Pyrene	12.73	202	1189309	37.201	ng		100
80) Butylbenzylphthalate	13.34	149	517786	40.046	ng		98
81) Benzo(a)anthracene	13.92	228	1048435	37.873	ng		99
82) 3,3'-Dichlorobenzidine	13.88	252	327217	30.277	ng		99
83) Chrysene	13.96	228	1020131	36.391	ng		99
84) Bis(2-ethylhexyl)phthalate	13.90	149	717288	41.527	ng	#	98
85) Di-n-octyl phthalate	14.52	149	1211024	39.727	ng		100
87) Indeno(1,2,3-cd)pyrene	16.79	276	902733	38.598	ng		100
88) Benzo(b)fluoranthene	14.95	252	1028608	42.844	ng		98
89) Benzo(k)fluoranthene	14.99	252	866128	39.395	ng		99
90) Benzo(a)pyrene	15.31	252	847747	41.540	ng		98
91) Dibenzo(a,h)anthracene	16.80	278	753086	38.682	ng		100
92) Benzo(g,h,i)perylene	17.22	276	742248	38.785	ng		99

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

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