Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
Data File : BF121646.D
Acq On : 22 Sep 2020 18:18
Operator : JU/CG
Sample : PB131763BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB131763BS

Manual Integrations APPROVED
mohammad
9/23/2020 10:43:14 AM

Quant Time: Sep 22 18:43:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 17:53:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	154583	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	607787	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	327306	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	628365	20.00	ng	0.00
76) Chrysene-d12	13.98	240	496641	20.00	ng	0.00
86) Perylene-d12	15.43	264	406896	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	890095	85.57	ng	0.01
7) Phenol-d6	6.45	99	1164721	85.35	ng	0.00
23) Nitrobenzene-d5	7.37	82	792602	70.02	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	401230	98.63	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1446301	66.92	ng	0.00
79) Terphenyl-d14	12.92	244	1614242	65.85	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.63	88	232798	48.716	ng	99
3) Pyridine	3.36	79	324241	24.544	ng	97
4) n-Nitrosodimethylamine	3.32	42	208832	34.079	ng	98
6) Aniline	6.47	93	529615	29.799	ng	99
8) 2-Chlorophenol	6.60	128	404182	38.165	ng	98
9) Benzaldehyde	6.36	77	280970	31.495	ng	97
10) Phenol	6.46	94	505837	34.809	ng	91
11) bis(2-Chloroethyl)ether	6.55	93	389920	35.601	ng	99
12) 1,3-Dichlorobenzene	6.75	146	412280	34.878	ng	98
13) 1,4-Dichlorobenzene	6.83	146	421819	35.539	ng	98
14) 1,2-Dichlorobenzene	6.98	146	408201	37.333	ng	98
15) Benzyl Alcohol	6.96	79	355327	38.309	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	602449	34.182	ng	99
17) 2-Methylphenol	7.07	107	339650	37.693	ng	99
18) Hexachloroethane	7.32	117	151974	35.760	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	282053	35.862	ng	99
20) 3+4-Methylphenols	7.22	107	399621	36.911	ng	98
22) Acetophenone	7.22	105	535026	34.695	ng	99
24) Nitrobenzene	7.39	77	437943	35.770	ng	99
25) Isophorone	7.63	82	801608	35.178	ng	100
26) 2-Nitrophenol	7.71	139	210966	37.210	ng	96
27) 2,4-Dimethylphenol	7.75	122	354132	34.815	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	491008	34.806	ng	99
29) 2,4-Dichlorophenol	7.96	162	343128	37.037	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	350450	35.917	ng	99
31) Naphthalene	8.12	128	1137659	35.459	ng	100
32) Benzoic acid	7.89	122	235192	33.448	ng	94
33) 4-Chloroaniline	8.17	127	433606	31.177	ng	96
34) Hexachlorobutadiene	8.23	225	206617	36.077	ng	99
35) Caprolactam	8.55	113	118170m	38.302	ng	
36) 4-Chloro-3-methylphenol	8.66	107	380009	38.077	ng	99
37) 2-Methylnaphthalene	8.81	142	763970	36.335	ng	99
38) 1-Methylnaphthalene	8.91	142	719137	36.750	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	358101	35.026	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 17:53:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	370687	63.489 ng	98
43) 2,4,6-Trichlorophenol	9.09	196	256925	36.868 ng	98
44) 2,4,5-Trichlorophenol	9.13	196	271787	36.892 ng	97
46) 1,1'-Biphenyl	9.27	154	940670	35.899 ng	100
47) 2-Chloronaphthalene	9.30	162	716860	34.717 ng	99
48) 2-Nitroaniline	9.40	65	257173	40.079 ng	99
49) Acenaphthylene	9.72	152	1153719	36.365 ng	100
50) Dimethylphthalate	9.58	163	880059	37.098 ng	100
51) 2,6-Dinitrotoluene	9.64	165	201113	39.808 ng	100
52) Acenaphthene	9.89	154	676218	33.746 ng	99
53) 3-Nitroaniline	9.81	138	177625	30.350 ng	98
54) 2,4-Dinitrophenol	9.92	184	225497	77.682 ng	97
55) Dibenzofuran	10.06	168	1009221	35.763 ng	100
56) 4-Nitrophenol	9.99	139	333501	71.453 ng	95
57) 2,4-Dinitrotoluene	10.05	165	266841	41.983 ng	97
58) Fluorene	10.40	166	782911	36.279 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	232980	38.899 ng	100
60) Diethylphthalate	10.28	149	865291	37.411 ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	389999	37.726 ng	98
62) 4-Nitroaniline	10.43	138	224108	38.566 ng	98
63) Azobenzene	10.55	77	882795	35.841 ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	151599	40.556 ng	96
66) n-Nitrosodiphenylamine	10.52	169	757812	35.153 ng	98
67) 4-Bromophenyl-phenylether	10.88	248	265609	37.126 ng	95
68) Hexachlorobenzene	10.95	284	296072	36.671 ng	97
69) Atrazine	11.04	200	222342	41.514 ng	98
70) Pentachlorophenol	11.15	266	319783	72.121 ng	99
71) Phenanthrene	11.36	178	1219428	35.618 ng	100
72) Anthracene	11.42	178	1258118	35.610 ng	100
73) Carbazole	11.57	167	1151674	36.123 ng	99
74) Di-n-butylphthalate	11.90	149	1318913	35.843 ng	100
75) Fluoranthene	12.55	202	1325473	36.268 ng	99
77) Benzidine	12.67	184	710796	43.171 ng	100
78) Pyrene	12.78	202	1362743	37.556 ng	99
80) Butylbenzylphthalate	13.40	149	557257	37.973 ng	99
81) Benzo(a)anthracene	13.97	228	1173851	37.360 ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	365993	29.837 ng	99
83) Chrysene	14.01	228	1149470	36.128 ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	704334	35.926 ng	100
85) Di-n-octyl phthalate	14.57	149	1204584	34.816 ng	100
87) Indeno(1,2,3-cd)pyrene	16.87	276	975718	36.822 ng	100
88) Benzo(b)fluoranthene	15.01	252	1062897	39.075 ng	99
89) Benzo(k)fluoranthene	15.04	252	1032961	41.469 ng	100
90) Benzo(a)pyrene	15.37	252	928439	40.154 ng	99
91) Dibenzo(a,h)anthracene	16.89	278	810408	36.740 ng	99
92) Benzo(g,h,i)perylene	17.31	276	801281	36.955 ng	98

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

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