Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121725.D
Acq On : 29 Sep 2020 11:47
Operator : JU/CG
Sample : PB131923BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB131923BS

Manual Integrations APPROVED
mohammad
10/1/2020 11:45:02 AM

Quant Time: Sep 29 13:04:11 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 29 11:12:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	151679	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	583255	20.00	ng		0.00
39) Acenaphthene-d10	9.82	164	293711	20.00	ng		0.00
64) Phenanthrene-d10	11.30	188	538154	20.00	ng		0.00
76) Chrysene-d12	13.94	240	433128	20.00	ng		0.00
86) Perylene-d12	15.39	264	372931	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	968594	94.90	ng		0.01
7) Phenol-d6	6.43	99	1270697	94.90	ng		0.00
23) Nitrobenzene-d5	7.35	82	1059360	97.52	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	346468	94.91	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1736372	89.54	ng		0.00
79) Terphenyl-d14	12.89	244	1512440	70.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	175138	37.351	ng		99
3) Pyridine	3.36	79	399458	30.816	ng		99
4) n-Nitrosodimethylamine	3.32	42	227103	37.771	ng		97
6) Aniline	6.45	93	441118	25.295	ng	#	63
8) 2-Chlorophenol	6.57	128	396040	38.112	ng		97
9) Benzaldehyde	6.33	77	227897	26.035	ng		97
10) Phenol	6.44	94	508542	35.665	ng		91
11) bis(2-Chloroethyl)ether	6.52	93	397665	37.003	ng		96
12) 1,3-Dichlorobenzene	6.72	146	429518	37.032	ng		98
13) 1,4-Dichlorobenzene	6.80	146	437912	37.601	ng		98
14) 1,2-Dichlorobenzene	6.96	146	399263	37.215	ng		98
15) Benzyl Alcohol	6.93	79	343142	37.703	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	617403	35.701	ng		99
17) 2-Methylphenol	7.05	107	337832	38.209	ng		99
18) Hexachloroethane	7.29	117	158849	38.093	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	278678	36.112	ng		99
20) 3+4-Methylphenols	7.20	107	399392	37.596	ng		96
22) Acetophenone	7.19	105	542662	36.671	ng	#	97
24) Nitrobenzene	7.37	77	435777	37.091	ng		98
25) Isophorone	7.61	82	770297	35.226	ng		100
26) 2-Nitrophenol	7.69	139	207195	38.022	ng		94
27) 2,4-Dimethylphenol	7.73	122	344050	35.247	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	473756	34.996	ng		99
29) 2,4-Dichlorophenol	7.93	162	321603	36.174	ng		98
30) 1,2,4-Trichlorobenzene	8.01	180	347009	37.060	ng		99
31) Naphthalene	8.09	128	1134123	36.835	ng		99
32) Benzoic acid	7.86	122	214958	32.187	ng		98
33) 4-Chloroaniline	8.14	127	322186	24.140	ng		99
34) Hexachlorobutadiene	8.20	225	203309	36.992	ng		99
35) Caprolactam	8.52	113	105451m	35.617	ng		
36) 4-Chloro-3-methylphenol	8.63	107	346120	36.140	ng		96
37) 2-Methylnaphthalene	8.78	142	731692	36.263	ng		99
38) 1-Methylnaphthalene	8.88	142	685014	36.478	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	337984	36.839	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	300801	57.412	ng		99
43) 2,4,6-Trichlorophenol	9.06	196	227520	36.383	ng		100
44) 2,4,5-Trichlorophenol	9.11	196	239778	36.270	ng		98
46) 1,1'-Biphenyl	9.25	154	858977	36.531	ng		99
47) 2-Chloronaphthalene	9.27	162	665968	35.942	ng		100
48) 2-Nitroaniline	9.37	65	224920	39.062	ng		98
49) Acenaphthylene	9.69	152	1048013	36.812	ng		99
50) Dimethylphthalate	9.55	163	745573	35.024	ng		99
51) 2,6-Dinitrotoluene	9.61	165	169279	37.339	ng		92
52) Acenaphthene	9.86	154	605792	33.689	ng		98
53) 3-Nitroaniline	9.78	138	134547	25.619	ng		98
54) 2,4-Dinitrophenol	9.89	184	168452	66.184	ng		99
55) Dibenzofuran	10.03	168	896189	35.390	ng		99
56) 4-Nitrophenol	9.96	139	281729	67.265	ng		94
57) 2,4-Dinitrotoluene	10.02	165	221097	38.765	ng		96
58) Fluorene	10.37	166	686326	35.441	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	191505	35.632	ng		98
60) Diethylphthalate	10.25	149	701625	33.805	ng		98
61) 4-Chlorophenyl-phenylether	10.36	204	329958	35.569	ng		96
62) 4-Nitroaniline	10.39	138	183566	35.202	ng		99
63) Azobenzene	10.52	77	753028	34.070	ng		97
65) 4,6-Dinitro-2-methylphenol	10.43	198	117269	37.294	ng		92
66) n-Nitrosodiphenylamine	10.49	169	645901	34.984	ng		98
67) 4-Bromophenyl-phenylether	10.85	248	214782	35.054	ng		97
68) Hexachlorobenzene	10.92	284	246390	35.633	ng		96
69) Atrazine	11.01	200	180463	39.343	ng		97
70) Pentachlorophenol	11.12	266	253222	66.682	ng		98
71) Phenanthrene	11.33	178	1023928	34.921	ng		99
72) Anthracene	11.39	178	1054770	34.859	ng		99
73) Carbazole	11.54	167	945184	34.616	ng		100
74) Di-n-butylphthalate	11.87	149	1046882	33.219	ng		100
75) Fluoranthene	12.52	202	1089431	34.806	ng		98
77) Benzidine	12.64	184	457628	31.870	ng		100
78) Pyrene	12.74	202	1123018	35.487	ng		100
80) Butylbenzylphthalate	13.36	149	444502	34.731	ng		91
81) Benzo(a)anthracene	13.93	228	994120	36.279	ng		100
82) 3,3'-Dichlorobenzidine	13.90	252	313663	29.321	ng		98
83) Chrysene	13.97	228	971028	34.995	ng		99
84) Bis(2-ethylhexyl)phthalate	13.92	149	558434	32.661	ng	#	97
85) Di-n-octyl phthalate	14.53	149	990738	32.834	ng		100
87) Indeno(1,2,3-cd)pyrene	16.81	276	887408	36.539	ng		99
88) Benzo(b)fluoranthene	14.97	252	978362	39.243	ng		98
89) Benzo(k)fluoranthene	15.00	252	839529	36.773	ng		98
90) Benzo(a)pyrene	15.33	252	814510	38.435	ng		99
91) Dibenzo(a,h)anthracene	16.82	278	729426	36.080	ng		98
92) Benzo(g,h,i)perylene	17.24	276	727979	36.632	ng		99

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

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