Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
Data File : BF121647.D
Acq On : 22 Sep 2020 18:50
Operator : JU/CG
Sample : PB131763BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB131763BSD

Manual Integrations APPROVED
mohammad
9/23/2020 10:43:16 AM

Quant Time: Sep 22 19:13:10 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	159318	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	635536	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	347213	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	657894	20.00	ng		0.00
76) Chrysene-d12	13.98	240	535130	20.00	ng		0.00
86) Perylene-d12	15.43	264	457987	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	920570	85.87	ng		0.01
7) Phenol-d6	6.45	99	1211066	86.11	ng		0.00
23) Nitrobenzene-d5	7.38	82	828336	69.98	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	427420	99.05	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1515878	66.12	ng		0.00
79) Terphenyl-d14	12.93	244	1704001	64.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	240324	48.796	ng		97
3) Pyridine	3.37	79	336561	24.719	ng		99
4) n-Nitrosodimethylamine	3.32	42	213494	33.805	ng		96
6) Aniline	6.47	93	542662	29.625	ng		97
8) 2-Chlorophenol	6.60	128	422026	38.665	ng		98
9) Benzaldehyde	6.36	77	288251	31.351	ng		99
10) Phenol	6.46	94	526535	35.156	ng		92
11) bis(2-Chloroethyl)ether	6.55	93	408451	36.185	ng		99
12) 1,3-Dichlorobenzene	6.75	146	428291	35.156	ng		97
13) 1,4-Dichlorobenzene	6.83	146	431784	35.298	ng		97
14) 1,2-Dichlorobenzene	6.98	146	418543	37.141	ng		99
15) Benzyl Alcohol	6.96	79	373125	39.032	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	634548	34.933	ng		99
17) 2-Methylphenol	7.07	107	355991	38.332	ng		98
18) Hexachloroethane	7.32	117	156756	35.789	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	296147	36.535	ng		98
20) 3+4-Methylphenols	7.23	107	418661	37.520	ng	#	88
22) Acetophenone	7.22	105	562024	34.855	ng		99
24) Nitrobenzene	7.40	77	453697	35.439	ng		95
25) Isophorone	7.64	82	840060	35.256	ng		98
26) 2-Nitrophenol	7.71	139	220604	37.211	ng		96
27) 2,4-Dimethylphenol	7.75	122	374491	35.209	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	519384	35.210	ng		99
29) 2,4-Dichlorophenol	7.96	162	360664	37.230	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	359365	35.223	ng		99
31) Naphthalene	8.12	128	1180315	35.182	ng		99
32) Benzoic acid	7.90	122	252039	34.107	ng		94
33) 4-Chloroaniline	8.17	127	445237	30.616	ng		97
34) Hexachlorobutadiene	8.23	225	216873	36.214	ng		98
35) Caprolactam	8.55	113	126809m	39.308	ng		
36) 4-Chloro-3-methylphenol	8.66	107	400653	38.392	ng		96
37) 2-Methylnaphthalene	8.81	142	799319	36.356	ng		99
38) 1-Methylnaphthalene	8.91	142	756329	36.963	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	370346	34.146	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	393861	63.590 ng	99
43) 2,4,6-Trichlorophenol	9.09	196	269658	36.476 ng	99
44) 2,4,5-Trichlorophenol	9.13	196	290649	37.190 ng	97
46) 1,1'-Biphenyl	9.27	154	977619	35.170 ng	100
47) 2-Chloronaphthalene	9.30	162	753683	34.408 ng	99
48) 2-Nitroaniline	9.40	65	272189	39.988 ng	95
49) Acenaphthylene	9.72	152	1213221	36.048 ng	100
50) Dimethylphthalate	9.58	163	942258	37.442 ng	100
51) 2,6-Dinitrotoluene	9.64	165	213254	39.791 ng	99
52) Acenaphthene	9.89	154	706042	33.214 ng	99
53) 3-Nitroaniline	9.81	138	184806	29.766 ng	100
54) 2,4-Dinitrophenol	9.92	184	245980	79.624 ng	98
55) Dibenzofuran	10.06	168	1059491	35.392 ng	98
56) 4-Nitrophenol	9.99	139	356190	71.939 ng	93
57) 2,4-Dinitrotoluene	10.05	165	286739	42.527 ng	95
58) Fluorene	10.40	166	825222	36.047 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	248692	39.142 ng	100
60) Diethylphthalate	10.28	149	918278	37.426 ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	406856	37.100 ng	98
62) 4-Nitroaniline	10.43	138	233423	37.866 ng	99
63) Azobenzene	10.56	77	926970	35.477 ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	163144	41.495 ng	92
66) n-Nitrosodiphenylamine	10.52	169	800822	35.480 ng	99
67) 4-Bromophenyl-phenylether	10.88	248	281801	37.622 ng	94
68) Hexachlorobenzene	10.95	284	317760	37.591 ng	99
69) Atrazine	11.04	200	238444	42.522 ng	98
70) Pentachlorophenol	11.15	266	345034	74.323 ng	99
71) Phenanthrene	11.36	178	1295987	36.156 ng	100
72) Anthracene	11.42	178	1329690	35.947 ng	100
73) Carbazole	11.57	167	1211602	36.297 ng	100
74) Di-n-butylphthalate	11.90	149	1411870	36.647 ng	100
75) Fluoranthene	12.55	202	1421628	37.153 ng	99
77) Benzidine	12.67	184	769028	43.348 ng	100
78) Pyrene	12.78	202	1452656	37.154 ng	99
80) Butylbenzylphthalate	13.40	149	602328	38.092 ng	100
81) Benzo(a)anthracene	13.97	228	1271633	37.561 ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	404062	30.571 ng	100
83) Chrysene	14.01	228	1225824	35.756 ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	768407	36.375 ng	99
85) Di-n-octyl phthalate	14.57	149	1323168	35.492 ng	100
87) Indeno(1,2,3-cd)pyrene	16.87	276	1101591	36.934 ng	100
88) Benzo(b)fluoranthene	15.01	252	1261437	41.201 ng	99
89) Benzo(k)fluoranthene	15.04	252	1039491	37.075 ng	99
90) Benzo(a)pyrene	15.37	252	1029290	39.549 ng	98
91) Dibenzo(a,h)anthracene	16.89	278	910273	36.664 ng	99
92) Benzo(g,h,i)perylene	17.31	276	910499	37.308 ng	99

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

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