Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
Data File : BF120133.D
Acq On : 22 Apr 2020 16:10
Operator : MA/SJ
Sample : PB128402BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB128402BS

Manual Integrations APPROVED
mohammad
4/24/2020 4:17:59 AM

Quant Time: Apr 22 16:41:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 11:49:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	133224	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	511133	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	256158	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	488879	20.00	ng		0.00
76) Chrysene-d12	13.84	240	355150	20.00	ng		0.00
87) Perylene-d12	15.25	264	295908	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	720588	93.47	ng		0.00
7) Phenol-d6	6.32	99	903312	90.94	ng		0.00
23) Nitrobenzene-d5	7.25	82	794425	80.41	ng		0.00
42) 2,4,6-Tribromophenol	10.51	330	232804	74.23	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	1511217	83.76	ng		0.00
79) Terphenyl-d14	12.80	244	1656360	78.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	116046	33.80	ng		97
3) Pyridine	3.05	79	331860	35.23	ng		96
4) n-Nitrosodimethylamine	3.00	42	205305	42.65	ng		97
6) Aniline	6.34	93	443387	34.01	ng	#	80
8) 2-Chlorophenol	6.46	128	399669	46.40	ng		97
9) Benzaldehyde	6.22	77	160994	25.71	ng		99
10) Phenol	6.33	94	514232	45.63	ng	#	76
11) bis(2-Chloroethyl)ether	6.42	93	374239	43.01	ng		98
12) 1,3-Dichlorobenzene	6.62	146	403801	42.82	ng		97
13) 1,4-Dichlorobenzene	6.69	146	407770	42.45	ng		99
14) 1,2-Dichlorobenzene	6.85	146	384668	43.45	ng		99
15) Benzyl Alcohol	6.83	79	324650	42.08	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.96	45	653033	38.57	ng		96
17) 2-Methylphenol	6.95	107	322559	41.96	ng		97
18) Hexachloroethane	7.19	117	152758	42.55	ng		98
19) n-Nitroso-di-n-propylamine	7.10	70	272981	42.74	ng		99
20) 3+4-Methylphenols	7.10	107	404617	43.04	ng		93
22) Acetophenone	7.09	105	534309	44.64	ng		93
24) Nitrobenzene	7.26	77	416418	41.90	ng		97
25) Isophorone	7.50	82	749346	39.34	ng		99
26) 2-Nitrophenol	7.58	139	215898	43.48	ng		96
27) 2,4-Dimethylphenol	7.63	122	335087	44.74	ng		99
28) bis(2-Chloroethoxy)methane	7.72	93	465504	41.54	ng		100
29) 2,4-Dichlorophenol	7.83	162	326606	42.55	ng		98
30) 1,2,4-Trichlorobenzene	7.91	180	354161	40.72	ng		98
31) Naphthalene	7.99	128	1133201	42.14	ng		98
32) Benzoic acid	7.76	122	254212	38.65	ng		92
33) 4-Chloroaniline	8.04	127	272047	23.24	ng		96
34) Hexachlorobutadiene	8.10	225	198882	38.20	ng		100
35) Caprolactam	8.41	113	101072m	43.04	ng		
36) 4-Chloro-3-methylphenol	8.53	107	353465	42.53	ng		99
37) 2-Methylnaphthalene	8.68	142	762426	41.82	ng		97
38) 1-Methylnaphthalene	8.77	142	716090	41.67	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	333933	41.27	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	336970	73.24	ng	98
43) 2,4,6-Trichlorophenol	8.96	196	230609	41.28	ng	99
44) 2,4,5-Trichlorophenol	9.00	196	245332	38.99	ng	96
46) 1,1'-Biphenyl	9.15	154	909921	42.08	ng	98
47) 2-Chloronaphthalene	9.17	162	699825	42.02	ng	98
48) 2-Nitroaniline	9.27	65	250987	41.58	ng	92
49) Acenaphthylene	9.58	152	1115904	44.05	ng	98
50) Dimethylphthalate	9.45	163	808296	40.80	ng	100
51) 2,6-Dinitrotoluene	9.51	165	182160	41.98	ng	89
52) Acenaphthene	9.76	154	669087	39.60	ng	99
53) 3-Nitroaniline	9.68	138	133954	27.03	ng	86
54) 2,4-Dinitrophenol	9.79	184	204453	78.71	ng	96
55) Dibenzofuran	9.93	168	1006936	43.43	ng	99
56) 4-Nitrophenol	9.86	139	292271	79.27	ng	96
57) 2,4-Dinitrotoluene	9.92	165	240593	42.09	ng	96
58) Fluorene	10.27	166	781817	42.16	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	201832	41.94	ng	99
60) Diethylphthalate	10.15	149	822715	40.06	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	372189	39.16	ng	99
62) 4-Nitroaniline	10.30	138	200769	42.51	ng	98
63) Azobenzene	10.42	77	785518	42.68	ng	99
65) 4,6-Dinitro-2-methylphenol	10.33	198	138041	42.86	ng	99
66) n-Nitrosodiphenylamine	10.39	169	699233	43.01	ng	100
67) 4-Bromophenyl-phenylether	10.75	248	225478	37.09	ng	96
68) Hexachlorobenzene	10.82	284	247514	40.13	ng	99
69) Atrazine	10.92	200	207062	45.77	ng	99
70) Pentachlorophenol	11.02	266	240811	67.75	ng	98
71) Phenanthrene	11.23	178	1126357	43.29	ng	98
72) Anthracene	11.28	178	1166620	43.89	ng	98
73) Carbazole	11.44	167	1069386	42.54	ng	98
74) Di-n-butylphthalate	11.77	149	1292670	39.12	ng	99
75) Fluoranthene	12.42	202	1246568	44.40	ng	98
77) Benzidine	12.54	184	553795	46.13	ng	98
78) Pyrene	12.64	202	1254120	41.89	ng	98
80) Butylbenzylphthalate	13.27	149	536167	36.91	ng	100
81) Benzo(a)anthracene	13.83	228	1001223	42.85	ng	99
82) 3,3'-Dichlorobenzidine	13.80	252	255310	29.29	ng	99
83) Chrysene	13.87	228	1021833	43.04	ng	98
84) Bis(2-ethylhexyl)phthalate	13.83	149	703348	35.75	ng	99
85) Di-n-octyl phthalate	14.44	149	1193005	35.61	ng	98
86) Indeno(1,2,3-cd)pyrene	16.62	276	795641	38.02	ng	100
88) Benzo(b)fluoranthene	14.86	252	908508	42.68	ng	99
89) Benzo(k)fluoranthene	14.89	252	861769	46.92	ng	99
90) Benzo(a)pyrene	15.20	252	772873	43.18	ng	98
91) Dibenzo(a,h)anthracene	16.63	278	672488	42.42	ng	97
92) Benzo(g,h,i)perylene	17.03	276	649453	41.50	ng	98

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

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