Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051920\
Data File : BF120360.D
Acq On : 19 May 2020 13:34
Operator : MA/SJ
Sample : PB128986BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB128986BS

Manual Integrations APPROVED
mohammad
5/20/2020 1:20:29 PM

Quant Time: May 19 14:13:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 19 13:17:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	255013	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	997408	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	480143	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	903116	20.00	ng	0.00
76) Chrysene-d12	13.77	240	631696	20.00	ng	0.00
87) Perylene-d12	15.15	264	565184	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1905353	145.38	ng	0.01
7) Phenol-d6	6.26	99	2361986	142.51	ng	0.00
23) Nitrobenzene-d5	7.17	82	1519420	104.30	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	588479	150.32	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2619412	112.08	ng	0.00
79) Terphenyl-d14	12.72	244	2992085	104.64	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.25	88	288571	55.35	ng	99
3) Pyridine	2.91	79	655011	39.97	ng	97
4) n-Nitrosodimethylamine	2.86	42	343648	53.55	ng	97
6) Aniline	6.26	93	627805	29.62	ng	92
8) 2-Chlorophenol	6.39	128	735847	48.15	ng	97
9) Benzaldehyde	6.14	77	442579	43.32	ng	99
10) Phenol	6.27	94	883744	45.68	ng	86
11) bis(2-Chloroethyl)ether	6.34	93	680693	44.04	ng	95
12) 1,3-Dichlorobenzene	6.53	146	720539	44.06	ng	99
13) 1,4-Dichlorobenzene	6.61	146	756923	44.94	ng	99
14) 1,2-Dichlorobenzene	6.76	146	671159	44.25	ng	98
15) Benzyl Alcohol	6.75	79	561987	47.73	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.88	45	1148372	47.15	ng	76
17) 2-Methylphenol	6.87	107	572477	44.38	ng	95
18) Hexachloroethane	7.10	117	279546	43.57	ng	99
19) n-Nitroso-di-n-propylamine	7.02	70	498526	45.91	ng	92
20) 3+4-Methylphenols	7.03	107	743647	44.34	ng	96
22) Acetophenone	7.02	105	988153	48.36	ng	97
24) Nitrobenzene	7.19	77	746361	47.61	ng	96
25) Isophorone	7.43	82	1401619	46.24	ng	99
26) 2-Nitrophenol	7.50	139	400284	48.82	ng	94
27) 2,4-Dimethylphenol	7.56	122	620521	52.02	ng	97
28) bis(2-Chloroethoxy)methane	7.65	93	888515	46.64	ng	99
29) 2,4-Dichlorophenol	7.76	162	580675	47.40	ng	97
30) 1,2,4-Trichlorobenzene	7.83	180	621590	45.79	ng	98
31) Naphthalene	7.90	128	2016025	47.89	ng	99
32) Benzoic acid	7.72	122	373174	47.73	ng	99
33) 4-Chloroaniline	7.96	127	359540	18.74	ng	98
34) Hexachlorobutadiene	8.02	225	343998	43.84	ng	98
35) Caprolactam	8.35	113	181394m	45.26	ng	
36) 4-Chloro-3-methylphenol	8.47	107	613426	46.29	ng	100
37) 2-Methylnaphthalene	8.60	142	1303526	45.25	ng	98
38) 1-Methylnaphthalene	8.70	142	1242521	44.47	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	573511	47.37	ng	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	461182	91.32	ng	99
43) 2,4,6-Trichlorophenol	8.89	196	382199	47.03	ng	100
44) 2,4,5-Trichlorophenol	8.93	196	412026	44.15	ng	98
46) 1,1'-Biphenyl	9.06	154	1521338	48.36	ng	99
47) 2-Chloronaphthalene	9.09	162	1160234	45.98	ng	100
48) 2-Nitroaniline	9.19	65	416740	45.26	ng	98
49) Acenaphthylene	9.50	152	1828994	47.45	ng	99
50) Dimethylphthalate	9.37	163	1381691	45.52	ng	99
51) 2,6-Dinitrotoluene	9.44	165	308254	45.50	ng	95
52) Acenaphthene	9.67	154	1079127	46.70	ng	100
53) 3-Nitroaniline	9.60	138	168895	20.91	ng	97
54) 2,4-Dinitrophenol	9.72	184	305736	95.61	ng	95
55) Dibenzofuran	9.85	168	1604166	48.21	ng	99
56) 4-Nitrophenol	9.80	139	398362	91.77	ng	93
57) 2,4-Dinitrotoluene	9.85	165	380079	47.83	ng	92
58) Fluorene	10.19	166	1269602	50.10	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	338823	48.24	ng	100
60) Diethylphthalate	10.07	149	1381556	47.15	ng	100
61) 4-Chlorophenyl-phenylether	10.18	204	607588	46.12	ng	98
62) 4-Nitroaniline	10.23	138	323626	43.02	ng	100
63) Azobenzene	10.35	77	1368514	49.41	ng	96
65) 4,6-Dinitro-2-methylphenol	10.26	198	217514	47.62	ng	89
66) n-Nitrosodiphenylamine	10.31	169	1175854	47.06	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	384968	43.93	ng	98
68) Hexachlorobenzene	10.74	284	419144	45.72	ng	93
69) Atrazine	10.84	200	337175	45.10	ng	97
70) Pentachlorophenol	10.94	266	360049	92.34	ng	99
71) Phenanthrene	11.15	178	1797581	47.37	ng	100
72) Anthracene	11.20	178	1978332	48.70	ng	99
73) Carbazole	11.36	167	1800745	47.44	ng	99
74) Di-n-butylphthalate	11.70	149	2271962	49.66	ng	99
75) Fluoranthene	12.34	202	2048058	50.35	ng	96
77) Benzidine	12.46	184	949141	51.45	ng	96
78) Pyrene	12.56	202	2225545	49.42	ng	100
80) Butylbenzylphthalate	13.19	149	952279	44.91	ng	98
81) Benzo(a)anthracene	13.76	228	1558791	46.79	ng	98
82) 3,3'-Dichlorobenzidine	13.72	252	367866	29.30	ng	100
83) Chrysene	13.80	228	1645304	45.99	ng	100
84) Bis(2-ethylhexyl)phthalate	13.76	149	1235178	46.82	ng	100
85) Di-n-octyl phthalate	14.37	149	2344006	49.39	ng	98
86) Indeno(1,2,3-cd)pyrene	16.47	276	1335511	41.13	ng	99
88) Benzo(b)fluoranthene	14.77	252	1522208	49.32	ng	99
89) Benzo(k)fluoranthene	14.80	252	1290821	48.27	ng	99
90) Benzo(a)pyrene	15.10	252	1295073	46.78	ng	98
91) Dibenzo(a,h)anthracene	16.49	278	1108975	45.22	ng	100
92) Benzo(g,h,i)perylene	16.87	276	1137682	46.01	ng	97

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

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