Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
Data File : BF120346.D
Acq On : 18 May 2020 17:18
Operator : MA/SJ
Sample : PB128946BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB128946BS

Manual Integrations APPROVED
mohammad
5/19/2020 3:05:15 PM

Quant Time: May 18 17:54:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 18 15:23:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	305844	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1184422	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	567683	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	1062291	20.00	ng	0.00
76) Chrysene-d12	13.76	240	805329	20.00	ng	0.00
87) Perylene-d12	15.14	264	769135	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	2299901	146.31	ng	0.01
7) Phenol-d6	6.26	99	2736392	137.66	ng	0.00
23) Nitrobenzene-d5	7.17	82	1719331	99.39	ng	0.00
42) 2,4,6-Tribromophenol	10.44	330	649949	140.42	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2987054	108.10	ng	0.00
79) Terphenyl-d14	12.71	244	3111013	85.34	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.29	88	370575	59.265	ng	100
3) Pyridine	2.95	79	802825	40.844	ng	98
4) n-Nitrosodimethylamine	2.90	42	431853	56.111	ng	95
6) Aniline	6.27	93	956376	37.620	ng	94
8) 2-Chlorophenol	6.39	128	885519	48.316	ng	97
9) Benzaldehyde	6.15	77	535850	43.728	ng	97
10) Phenol	6.27	94	1079851	46.536	ng	91
11) bis(2-Chloroethyl)ether	6.35	93	819227	44.197	ng	96
12) 1,3-Dichlorobenzene	6.54	146	877588	44.748	ng	99
13) 1,4-Dichlorobenzene	6.62	146	918177	45.457	ng	98
14) 1,2-Dichlorobenzene	6.77	146	811656	44.622	ng	99
15) Benzyl Alcohol	6.76	79	661545	46.845	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1351153	46.255	ng	80
17) 2-Methylphenol	6.88	107	690975	44.660	ng	94
18) Hexachloroethane	7.11	117	338683	44.014	ng	100
19) n-Nitroso-di-n-propylamine	7.03	70	579297	44.484	ng	94
20) 3+4-Methylphenols	7.04	107	864563	42.979	ng	96
22) Acetophenone	7.02	105	1166929	48.093	ng	97
24) Nitrobenzene	7.19	77	874986	46.997	ng	97
25) Isophorone	7.44	82	1604430	44.574	ng	100
26) 2-Nitrophenol	7.51	139	461220	47.367	ng	96
27) 2,4-Dimethylphenol	7.56	122	708575	50.026	ng	96
28) bis(2-Chloroethoxy)methane	7.65	93	984395	43.511	ng	100
29) 2,4-Dichlorophenol	7.76	162	681878	46.873	ng	99
30) 1,2,4-Trichlorobenzene	7.83	180	740704	45.948	ng	99
31) Naphthalene	7.91	128	2362829	47.268	ng	99
32) Benzoic acid	7.72	122	407663	43.909	ng	98
33) 4-Chloroaniline	7.97	127	687621	30.184	ng	99
34) Hexachlorobutadiene	8.03	225	387987	41.640	ng	98
35) Caprolactam	8.36	113	216037m	45.393	ng	
36) 4-Chloro-3-methylphenol	8.47	107	719242	45.704	ng	96
37) 2-Methylnaphthalene	8.60	142	1525202	44.586	ng	99
38) 1-Methylnaphthalene	8.70	142	1481260	44.646	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	692630	48.387	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	606307	100.802 ng	99
43) 2,4,6-Trichlorophenol	8.89	196	451894	47.031 ng	99
44) 2,4,5-Trichlorophenol	8.94	196	482118	43.692 ng	99
46) 1,1'-Biphenyl	9.07	154	1828193	49.151 ng	99
47) 2-Chloronaphthalene	9.09	162	1363111	45.687 ng	99
48) 2-Nitroaniline	9.20	65	513155	47.139 ng	99
49) Acenaphthylene	9.50	152	2239036	49.128 ng	99
50) Dimethylphthalate	9.38	163	1652267	46.042 ng	99
51) 2,6-Dinitrotoluene	9.44	165	372804	46.546 ng	96
52) Acenaphthene	9.67	154	1301668	47.648 ng	99
53) 3-Nitroaniline	9.61	138	278049	29.111 ng	97
54) 2,4-Dinitrophenol	9.73	184	346652	91.691 ng	92
55) Dibenzofuran	9.85	168	1872736	47.603 ng	99
56) 4-Nitrophenol	9.80	139	444338	86.580 ng	88
57) 2,4-Dinitrotoluene	9.85	165	436980	46.510 ng	96
58) Fluorene	10.19	166	1486002	49.599 ng	99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	400396	48.216 ng	100
60) Diethylphthalate	10.08	149	1649564	47.613 ng	99
61) 4-Chlorophenyl-phenylether	10.19	204	713777	45.822 ng	95
62) 4-Nitroaniline	10.23	138	398470	44.802 ng	97
63) Azobenzene	10.35	77	1532305	46.797 ng	95
65) 4,6-Dinitro-2-methylphenol	10.26	198	258351	48.089 ng	92
66) n-Nitrosodiphenylamine	10.31	169	1362082	46.346 ng	99
67) 4-Bromophenyl-phenylether	10.67	248	468175	45.418 ng	96
68) Hexachlorobenzene	10.74	284	494275	45.834 ng	94
69) Atrazine	10.85	200	371818	42.281 ng	99
70) Pentachlorophenol	10.94	266	416829	90.879 ng	98
71) Phenanthrene	11.15	178	2109958	47.269 ng	100
72) Anthracene	11.20	178	2279456	47.701 ng	99
73) Carbazole	11.36	167	2071626	46.398 ng	99
74) Di-n-butylphthalate	11.69	149	2537630	47.158 ng	99
75) Fluoranthene	12.33	202	2323486	48.564 ng	99
77) Benzidine	12.46	184	1266359	53.849 ng	96
78) Pyrene	12.56	202	2334758	40.667 ng	100
80) Butylbenzylphthalate	13.19	149	1168302	43.215 ng	99
81) Benzo(a)anthracene	13.75	228	1965994	46.285 ng	100
82) 3,3'-Dichlorobenzidine	13.72	252	572158	35.745 ng	98
83) Chrysene	13.79	228	2097226	45.981 ng	100
84) Bis(2-ethylhexyl)phthalate	13.75	149	1429267	42.493 ng	99
85) Di-n-octyl phthalate	14.36	149	2703751	44.683 ng	98
86) Indeno(1,2,3-cd)pyrene	16.46	276	1591628	38.448 ng	98
88) Benzo(b)fluoranthene	14.76	252	1929882	45.945 ng	99
89) Benzo(k)fluoranthene	14.79	252	1825637	50.166 ng	99
90) Benzo(a)pyrene	15.09	252	1722883	45.736 ng	99
91) Dibenzo(a,h)anthracene	16.47	278	1330361	39.864 ng	100
92) Benzo(g,h,i)perylene	16.86	276	1326056	39.404 ng	97

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

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