Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
Data File : BF120344.D
Acq On : 18 May 2020 16:23
Operator : MA/SJ
Sample : PB128942BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB128942BSD

Manual Integrations APPROVED
mohammad
5/19/2020 3:05:13 PM

Quant Time: May 18 16:58:18 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	350095	20.00	ng		0.00
21) Naphthalene-d8	7.89	136	1332983	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	616843	20.00	ng		0.00
64) Phenanthrene-d10	11.12	188	1052608	20.00	ng		0.00
76) Chrysene-d12	13.76	240	745118	20.00	ng		0.00
87) Perylene-d12	15.14	264	810287	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1387048	77.09	ng		0.02
7) Phenol-d6	6.26	99	1712043	75.24	ng		0.00
23) Nitrobenzene-d5	7.17	82	1610787	82.74	ng		0.00
42) 2,4,6-Tribromophenol	10.43	330	388763	77.30	ng		0.00
45) 2-Fluorobiphenyl	8.97	172	2767614	92.18	ng		0.00
79) Terphenyl-d14	12.71	244	2804309	83.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	305000	42.612	ng		98
3) Pyridine	2.99	79	700657	31.141	ng		96
4) n-Nitrosodimethylamine	2.95	42	353914	40.172	ng		99
6) Aniline	6.26	93	746612	25.657	ng		97
8) 2-Chlorophenol	6.39	128	818602	39.019	ng		96
9) Benzaldehyde	6.15	77	501647	35.763	ng		97
10) Phenol	6.27	94	997039	37.536	ng	#	78
11) bis(2-Chloroethyl)ether	6.35	93	761906	35.909	ng		99
12) 1,3-Dichlorobenzene	6.54	146	829879	36.967	ng		99
13) 1,4-Dichlorobenzene	6.62	146	866643	37.482	ng		98
14) 1,2-Dichlorobenzene	6.77	146	770951	37.027	ng		98
15) Benzyl Alcohol	6.76	79	627769	38.834	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1266289	37.870	ng		92
17) 2-Methylphenol	6.88	107	649370	36.666	ng		95
18) Hexachloroethane	7.11	117	313494	35.591	ng		98
19) n-Nitroso-di-n-propylamine	7.03	70	539966	36.223	ng		95
20) 3+4-Methylphenols	7.03	107	816156	35.444	ng		97
22) Acetophenone	7.02	105	1088086	39.845	ng		97
24) Nitrobenzene	7.19	77	813077	38.805	ng		99
25) Isophorone	7.43	82	1529468	37.756	ng		99
26) 2-Nitrophenol	7.51	139	449061	40.979	ng		98
27) 2,4-Dimethylphenol	7.56	122	683035	42.848	ng		96
28) bis(2-Chloroethoxy)methane	7.65	93	985158	38.691	ng		99
29) 2,4-Dichlorophenol	7.76	162	636037	38.849	ng		98
30) 1,2,4-Trichlorobenzene	7.83	180	725678	39.999	ng		99
31) Naphthalene	7.91	128	2298038	40.848	ng		99
32) Benzoic acid	7.72	122	384695	36.817	ng		96
33) 4-Chloroaniline	7.97	127	529372	20.648	ng		99
34) Hexachlorobutadiene	8.03	225	397306	37.888	ng		97
35) Caprolactam	8.35	113	190775m	35.618	ng		
36) 4-Chloro-3-methylphenol	8.47	107	662233	37.391	ng		97
37) 2-Methylnaphthalene	8.60	142	1439464	37.390	ng		98
38) 1-Methylnaphthalene	8.70	142	1374194	36.803	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	642226	41.290	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	543740	84.353 ng	100
43) 2,4,6-Trichlorophenol	8.89	196	410605	39.328 ng	99
44) 2,4,5-Trichlorophenol	8.94	196	446628	37.250 ng	98
46) 1,1'-Biphenyl	9.07	154	1722284	42.614 ng	99
47) 2-Chloronaphthalene	9.09	162	1302886	40.188 ng	98
48) 2-Nitroaniline	9.20	65	469910	39.726 ng	96
49) Acenaphthylene	9.50	152	2050240	41.400 ng	99
50) Dimethylphthalate	9.38	163	1506813	38.643 ng	99
51) 2,6-Dinitrotoluene	9.44	165	336402	38.654 ng	97
52) Acenaphthene	9.67	154	1210835	40.790 ng	100
53) 3-Nitroaniline	9.60	138	226395	21.814 ng	95
54) 2,4-Dinitrophenol	9.72	184	292557	71.215 ng	97
55) Dibenzofuran	9.85	168	1747725	40.885 ng	99
56) 4-Nitrophenol	9.80	139	431995	77.466 ng	99
57) 2,4-Dinitrotoluene	9.85	165	421287	41.266 ng	96
58) Fluorene	10.19	166	1355275	41.630 ng	99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	361661	40.081 ng	99
60) Diethylphthalate	10.07	149	1493157	39.664 ng	99
61) 4-Chlorophenyl-phenylether	10.19	204	649215	38.356 ng	93
62) 4-Nitroaniline	10.23	138	354334	36.665 ng	99
63) Azobenzene	10.35	77	1393057	39.154 ng	96
65) 4,6-Dinitro-2-methylphenol	10.26	198	225935	42.442 ng	98
66) n-Nitrosodiphenylamine	10.31	169	1240959	42.613 ng	99
67) 4-Bromophenyl-phenylether	10.67	248	386848	37.873 ng	95
68) Hexachlorobenzene	10.74	284	418867	39.198 ng	93
69) Atrazine	10.84	200	324665	37.259 ng	100
70) Pentachlorophenol	10.94	266	352312	77.520 ng	98
71) Phenanthrene	11.15	178	1829683	41.367 ng	99
72) Anthracene	11.20	178	2007954	42.406 ng	98
73) Carbazole	11.36	167	1778011	40.188 ng	99
74) Di-n-butylphthalate	11.69	149	2199882	41.258 ng	98
75) Fluoranthene	12.33	202	2217386	46.773 ng	99
77) Benzidine	12.46	184	998592	45.894 ng	96
78) Pyrene	12.56	202	2237896	42.129 ng	99
80) Butylbenzylphthalate	13.19	149	992395	39.675 ng	98
81) Benzo(a)anthracene	13.75	228	1576822	40.123 ng	99
82) 3,3'-Dichlorobenzidine	13.72	252	380324	25.680 ng	97
83) Chrysene	13.79	228	1823632	43.213 ng	99
84) Bis(2-ethylhexyl)phthalate	13.75	149	1164867	37.431 ng	98
85) Di-n-octyl phthalate	14.36	149	2204679	39.380 ng	99
86) Indeno(1,2,3-cd)pyrene	16.46	276	1642627	42.887 ng	100
88) Benzo(b)fluoranthene	14.76	252	1789603	40.441 ng	97
89) Benzo(k)fluoranthene	14.79	252	1558459	40.650 ng	99
90) Benzo(a)pyrene	15.09	252	1413351	35.613 ng	99
91) Dibenzo(a,h)anthracene	16.47	278	1382643	39.327 ng	100
92) Benzo(g,h,i)perylene	16.85	276	1395816	39.371 ng	98

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

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