Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119846.D
Acq On : 9 Apr 2020 1:38
Operator : MA/SJ
Sample : PB128073BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB128073BSD

Manual Integrations APPROVED
mohammad
4/10/2020 9:57:20 AM

Quant Time: Apr 09 03:28:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 01:21:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	149664	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	574202	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	333041	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	605270	20.00	ng	0.00
76) Chrysene-d12	13.94	240	473722	20.00	ng	0.00
87) Perylene-d12	15.37	264	430585	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1163689	134.37	ng	0.01
7) Phenol-d6	6.40	99	1388690	124.44	ng	0.00
23) Nitrobenzene-d5	7.33	82	878368	79.14	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	442033	108.41	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1713951	73.07	ng	0.00
79) Terphenyl-d14	12.89	244	2101633	74.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.54	88	152821	39.619	ng	99
3) Pyridine	3.25	79	435935	41.192	ng	97
4) n-Nitrosodimethylamine	3.20	42	250222	46.276	ng	95
6) Aniline	6.43	93	468123	31.962	ng	99
8) 2-Chlorophenol	6.55	128	433029	44.752	ng	97
9) Benzaldehyde	6.31	77	170190	23.520	ng	96
10) Phenol	6.42	94	551984	43.601	ng	96
11) bis(2-Chloroethyl)ether	6.50	93	423498	43.325	ng	98
12) 1,3-Dichlorobenzene	6.70	146	438590	41.402	ng	98
13) 1,4-Dichlorobenzene	6.79	146	471275	43.672	ng	98
14) 1,2-Dichlorobenzene	6.94	146	419493	42.181	ng	96
15) Benzyl Alcohol	6.91	79	358303m	41.340	ng	
16) 2,2'-oxybis(1-Chloropropan	7.05	45	780937	41.056	ng	100
17) 2-Methylphenol	7.03	107	383129	44.368	ng	99
18) Hexachloroethane	7.28	117	169916	42.132	ng	96
19) n-Nitroso-di-n-propylamine	7.19	70	299004	41.668	ng	99
20) 3+4-Methylphenols	7.18	107	440025	41.664	ng	95
22) Acetophenone	7.18	105	573458	42.649	ng	96
24) Nitrobenzene	7.35	77	496417	44.460	ng	98
25) Isophorone	7.59	82	856800	40.045	ng	98
26) 2-Nitrophenol	7.67	139	258608	46.360	ng	94
27) 2,4-Dimethylphenol	7.71	122	401879	47.769	ng	99
28) bis(2-Chloroethoxy)methane	7.80	93	538986	42.810	ng	100
29) 2,4-Dichlorophenol	7.91	162	370274	42.938	ng	97
30) 1,2,4-Trichlorobenzene	7.99	180	383830	39.282	ng	99
31) Naphthalene	8.07	128	1217934	40.315	ng	99
32) Benzoic acid	7.84	122	305197	41.306	ng	98
33) 4-Chloroaniline	8.12	127	278629	21.186	ng	97
34) Hexachlorobutadiene	8.19	225	220664	37.726	ng	97
35) Caprolactam	8.49	113	111426m	42.240	ng	
36) 4-Chloro-3-methylphenol	8.61	107	436920	46.797	ng	98
37) 2-Methylnaphthalene	8.77	142	830867	40.566	ng	99
38) 1-Methylnaphthalene	8.87	142	831052	43.049	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	378021	35.937	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	476408	79.648 ng	100
43) 2,4,6-Trichlorophenol	9.05	196	267385	36.811 ng	99
44) 2,4,5-Trichlorophenol	9.09	196	300942	36.785 ng	98
46) 1,1'-Biphenyl	9.23	154	1058770	37.665 ng	99
47) 2-Chloronaphthalene	9.26	162	814057	37.592 ng	97
48) 2-Nitroaniline	9.35	65	290028	36.958 ng	96
49) Acenaphthylene	9.67	152	1409216	42.790 ng	99
50) Dimethylphthalate	9.54	163	1048344	40.696 ng	99
51) 2,6-Dinitrotoluene	9.60	165	233528	41.398 ng	91
52) Acenaphthene	9.85	154	1011167m	46.028 ng	
53) 3-Nitroaniline	9.76	138	163318	25.350 ng	96
54) 2,4-Dinitrophenol	9.87	184	297462	88.077 ng	91
55) Dibenzofuran	10.02	168	1281818	42.520 ng	97
56) 4-Nitrophenol	9.93	139	404165	84.313 ng	97
57) 2,4-Dinitrotoluene	10.00	165	314535	42.321 ng	96
58) Fluorene	10.36	166	909834	37.738 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.13	232	271920	43.458 ng	99
60) Diethylphthalate	10.24	149	1002224	37.538 ng	99
61) 4-Chlorophenyl-phenylether	10.35	204	440326	35.634 ng	95
62) 4-Nitroaniline	10.38	138	234771	38.237 ng	98
63) Azobenzene	10.52	77	959327	40.094 ng	98
65) 4,6-Dinitro-2-methylphenol	10.41	198	167523	42.011 ng	77
66) n-Nitrosodiphenylamine	10.47	169	827089	41.088 ng	97
67) 4-Bromophenyl-phenylether	10.85	248	283914	37.719 ng	95
68) Hexachlorobenzene	10.91	284	305437	40.000 ng	97
69) Atrazine	11.00	200	253221	45.213 ng	98
70) Pentachlorophenol	11.10	266	358271	81.417 ng	99
71) Phenanthrene	11.32	178	1309080	40.638 ng	100
72) Anthracene	11.37	178	1385784	42.111 ng	99
73) Carbazole	11.53	167	1267893	40.742 ng	99
74) Di-n-butylphthalate	11.86	149	1602613	39.174 ng	100
75) Fluoranthene	12.51	202	1481614	42.627 ng	98
77) Benzidine	12.63	184	629141	39.289 ng	97
78) Pyrene	12.74	202	1527050	38.238 ng	99
80) Butylbenzylphthalate	13.36	149	700772	36.163 ng	100
81) Benzo(a)anthracene	13.93	228	1252170	40.179 ng	99
82) 3,3'-Dichlorobenzidine	13.89	252	344776	29.650 ng	96
83) Chrysene	13.97	228	1248546	39.429 ng	100
84) Bis(2-ethylhexyl)phthalate	13.93	149	981170	37.389 ng	99
85) Di-n-octyl phthalate	14.54	149	1632157	36.529 ng	99
86) Indeno(1,2,3-cd)pyrene	16.79	276	1077137	38.589 ng	99
88) Benzo(b)fluoranthene	14.96	252	1221337	39.429 ng	99
89) Benzo(k)fluoranthene	14.99	252	1212874	45.382 ng	99
90) Benzo(a)pyrene	15.32	252	1053086	40.435 ng	99
91) Dibenzo(a,h)anthracene	16.81	278	911794	39.524 ng	98
92) Benzo(g,h,i)perylene	17.22	276	828652	36.389 ng	97

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

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