Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
Data File : BF115352.D
Acq On : 2 Jul 2019 9:49
Operator : HP/JU
Sample : PB121059BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121059BSD

Manual Integrations APPROVED
mohammad
7/3/2019 10:51:31 PM

Quant Time: Jul 02 12:10:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 02 12:02:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	181164	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	701787	20.00	ng		0.00
39) Acenaphthene-d10	9.63	164	346212	20.00	ng		0.00
64) Phenanthrene-d10	11.11	188	692690	20.00	ng		0.00
76) Chrysene-d12	13.73	240	477515	20.00	ng		0.00
87) Perylene-d12	15.09	264	583431	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	847794	72.22	ng		0.01
7) Phenol-d6	6.25	99	1029297	72.24	ng		0.00
23) Nitrobenzene-d5	7.17	82	926575	81.22	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	323593	88.63	ng		0.00
45) 2-Fluorobiphenyl	8.96	172	1845304	90.54	ng		0.00
79) Terphenyl-d14	12.69	244	2018676	89.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	198817	35.884	ng		99
3) Pyridine	2.90	79	475129	30.426	ng		98
4) n-Nitrosodimethylamine	2.85	42	191899	31.346	ng		98
6) Aniline	6.26	93	489163	24.978	ng	#	85
8) 2-Chlorophenol	6.39	128	498346	37.751	ng		97
9) Benzaldehyde	6.14	77	277594	29.861	ng		97
10) Phenol	6.26	94	576932	34.565	ng		91
11) bis(2-Chloroethyl)ether	6.34	93	437605	35.567	ng		99
12) 1,3-Dichlorobenzene	6.54	146	538992	36.790	ng		98
13) 1,4-Dichlorobenzene	6.62	146	550279	37.457	ng		98
14) 1,2-Dichlorobenzene	6.77	146	507820	37.327	ng		98
15) Benzyl Alcohol	6.75	79	268018	25.831	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.89	45	617159	34.585	ng		99
17) 2-Methylphenol	6.87	107	436442	40.055	ng		99
18) Hexachloroethane	7.11	117	192704	36.384	ng		97
19) n-Nitroso-di-n-propylamine	7.02	70	314416	34.466	ng		98
20) 3+4-Methylphenols	7.02	107	506185	40.232	ng	#	73
22) Acetophenone	7.01	105	666262	41.470	ng	#	99
24) Nitrobenzene	7.18	77	492073	39.152	ng		99
25) Isophorone	7.42	82	877905	37.565	ng		100
26) 2-Nitrophenol	7.50	139	275250	44.347	ng		95
27) 2,4-Dimethylphenol	7.55	122	459381	45.204	ng		99
28) bis(2-Chloroethoxy)methane	7.64	93	572928	38.787	ng		100
29) 2,4-Dichlorophenol	7.75	162	435467	41.523	ng		99
30) 1,2,4-Trichlorobenzene	7.83	180	469056	40.491	ng		99
31) Naphthalene	7.91	128	1418332	41.172	ng		99
32) Benzoic acid	7.68	122	291337	40.162	ng		97
33) 4-Chloroaniline	7.95	127	379415	24.099	ng		100
34) Hexachlorobutadiene	8.03	225	253178	39.882	ng		98
35) Caprolactam	8.32	113	138611m	39.312	ng		
36) 4-Chloro-3-methylphenol	8.45	107	435255	40.981	ng		98
37) 2-Methylnaphthalene	8.60	142	971425	41.823	ng		99
38) 1-Methylnaphthalene	8.70	142	902515	40.684	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	424890	43.430	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	484095	83.448 ng	99
43) 2,4,6-Trichlorophenol	8.88	196	300509	39.786 ng	99
44) 2,4,5-Trichlorophenol	8.92	196	341951	43.962 ng	97
46) 1,1'-Biphenyl	9.06	154	1153804	41.651 ng	99
47) 2-Chloronaphthalene	9.08	162	913898	40.671 ng	98
48) 2-Nitroaniline	9.18	65	263922	40.287 ng	95
49) Acenaphthylene	9.50	152	1442908	41.214 ng	98
50) Dimethylphthalate	9.37	163	1054709	41.407 ng	99
51) 2,6-Dinitrotoluene	9.42	165	247603	42.105 ng	96
52) Acenaphthene	9.67	154	827380	37.767 ng	99
53) 3-Nitroaniline	9.58	138	187874	26.180 ng	97
54) 2,4-Dinitrophenol	9.70	184	260550	85.544 ng	99
55) Dibenzofuran	9.84	168	1263005	40.168 ng	99
56) 4-Nitrophenol	9.76	139	419577	72.929 ng	95
57) 2,4-Dinitrotoluene	9.82	165	320563	42.218 ng	98
58) Fluorene	10.18	166	913125	43.381 ng	99
59) 2,3,4,6-Tetrachlorophenol	9.96	232	285755	43.813 ng	100
60) Diethylphthalate	10.07	149	1021110	39.881 ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	441413	44.258 ng	97
62) 4-Nitroaniline	10.20	138	273149	37.942 ng	97
63) Azobenzene	10.33	77	936527	39.160 ng	96
65) 4,6-Dinitro-2-methylphenol	10.23	198	166206	45.395 ng	94
66) n-Nitrosodiphenylamine	10.29	169	875994	40.592 ng	99
67) 4-Bromophenyl-phenylether	10.66	248	301470	40.142 ng	96
68) Hexachlorobenzene	10.72	284	329727	40.448 ng	95
69) Atrazine	10.82	200	283088	40.779 ng	99
70) Pentachlorophenol	10.92	266	397765	76.592 ng	98
71) Phenanthrene	11.13	178	1451249	38.912 ng	100
72) Anthracene	11.18	178	1496941	39.762 ng	99
73) Carbazole	11.34	167	1364882	40.600 ng	99
74) Di-n-butylphthalate	11.68	149	1586875	40.849 ng	98
75) Fluoranthene	12.31	202	1505640	40.462 ng	98
77) Benzidine	12.43	184	706841	33.336 ng	99
78) Pyrene	12.54	202	1538151	41.915 ng	99
80) Butylbenzylphthalate	13.17	149	691098	42.674 ng	100
81) Benzo(a)anthracene	13.72	228	1368033	39.927 ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	419499	33.904 ng	99
83) Chrysene	13.75	228	1343265	42.798 ng	100
84) Bis(2-ethylhexyl)phthalate	13.74	149	910245	42.895 ng	99
85) Di-n-octyl phthalate	14.34	149	1600714	44.896 ng	99
86) Indeno(1,2,3-cd)pyrene	16.38	276	1564123	42.116 ng	99
88) Benzo(b)fluoranthene	14.72	252	1444200	39.671 ng	100
89) Benzo(k)fluoranthene	14.75	252	1321412	40.476 ng	99
90) Benzo(a)pyrene	15.04	252	1370258	41.761 ng	99
91) Dibenzo(a,h)anthracene	16.39	278	1281529	41.836 ng	100
92) Benzo(g,h,i)perylene	16.76	276	1298779	41.892 ng	99

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

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