Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116050.D
Acq On : 7 Aug 2019 15:38
Operator : HP/JU
Sample : K4164-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

Manual Integrations APPROVED
mohammad
8/8/2019 4:46:51 PM

Quant Time: Aug 08 07:59:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	138386	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	553553	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	296523	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	507989	20.00	ng	0.00
76) Chrysene-d12	14.01	240	285961	20.00	ng	0.00
87) Perylene-d12	15.47	264	325482	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	949505	114.86	ng	0.00
7) Phenol-d6	6.49	99	1282704	122.99	ng	0.00
23) Nitrobenzene-d5	7.41	82	805699	84.02	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	315016	109.58	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1188909	75.10	ng	0.00
79) Terphenyl-d14	12.95	244	1313175	96.76	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.66	88	133122	31.877	ng	98
3) Pyridine	3.42	79	352624	30.227	ng	99
4) n-Nitrosodimethylamine	3.36	42	166494	36.165	ng	97
6) Aniline	6.51	93	440395	29.485	ng	97
8) 2-Chlorophenol	6.63	128	367833	40.240	ng	96
9) Benzaldehyde	6.40	77	196717	27.336	ng	99
10) Phenol	6.50	94	470846	38.336	ng	88
11) bis(2-Chloroethyl)ether	6.58	93	361554	40.040	ng	98
12) 1,3-Dichlorobenzene	6.79	146	395907	37.476	ng	99
13) 1,4-Dichlorobenzene	6.86	146	403537	38.150	ng	97
14) 1,2-Dichlorobenzene	7.02	146	375509	38.554	ng	99
15) Benzyl Alcohol	6.99	79	319587	40.377	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	481237	39.072	ng	97
17) 2-Methylphenol	7.10	107	314439	40.624	ng	99
18) Hexachloroethane	7.36	117	148489	38.128	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	262169	40.565	ng	97
20) 3+4-Methylphenols	7.26	107	384398	41.967	ng	99
22) Acetophenone	7.25	105	506140	41.691	ng	99
24) Nitrobenzene	7.43	77	413137	39.898	ng	97
25) Isophorone	7.67	82	761067	41.504	ng	100
26) 2-Nitrophenol	7.75	139	205989	42.202	ng	95
27) 2,4-Dimethylphenol	7.78	122	338165	46.050	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	468085	41.184	ng	99
29) 2,4-Dichlorophenol	7.99	162	327184	42.197	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	352898	39.927	ng	98
31) Naphthalene	8.15	128	1073086	41.195	ng	99
32) Benzoic acid	7.89	122	37530	7.249	ng	92
33) 4-Chloroaniline	8.19	127	321832	27.651	ng	98
34) Hexachlorobutadiene	8.26	225	196669	38.631	ng	99
35) Caprolactam	8.57	113	92871m	37.034	ng	
36) 4-Chloro-3-methylphenol	8.69	107	343280	42.557	ng	98
37) 2-Methylnaphthalene	8.84	142	732631	42.705	ng	98
38) 1-Methylnaphthalene	8.94	142	683918	42.140	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	335528	42.326	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	162469	48.196 ng	99
43) 2,4,6-Trichlorophenol	9.12	196	215294	39.457 ng	98
44) 2,4,5-Trichlorophenol	9.17	196	227942	40.413 ng	95
46) 1,1'-Biphenyl	9.30	154	896935	42.845 ng	99
47) 2-Chloronaphthalene	9.33	162	700105	40.181 ng	100
48) 2-Nitroaniline	9.43	65	226445	39.319 ng	97
49) Acenaphthylene	9.75	152	1074013	42.252 ng	99
50) Dimethylphthalate	9.60	163	1096968	54.333 ng	99
51) 2,6-Dinitrotoluene	9.67	165	185954	42.382 ng	98
52) Acenaphthene	9.92	154	642536	41.203 ng	98
53) 3-Nitroaniline	9.84	138	161036	29.703 ng	94
54) 2,4-Dinitrophenol	9.96	184	44598	25.846 ng	98
55) Dibenzofuran	10.09	168	950537	41.914 ng	99
56) 4-Nitrophenol	10.01	139	240957	69.380 ng	99
57) 2,4-Dinitrotoluene	10.07	165	237602	40.673 ng	100
58) Fluorene	10.43	166	741955	42.523 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	183445	38.658 ng	99
60) Diethylphthalate	10.30	149	812966	43.129 ng	98
61) 4-Chlorophenyl-phenylether	10.42	204	376065	42.557 ng	98
62) 4-Nitroaniline	10.46	138	203004	36.233 ng	98
63) Azobenzene	10.58	77	826867	42.648 ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	68951	25.613 ng	99
66) n-Nitrosodiphenylamine	10.54	169	669491	43.786 ng	99
67) 4-Bromophenyl-phenylether	10.91	248	230501	42.387 ng	96
68) Hexachlorobenzene	10.99	284	254636	40.494 ng	93
69) Atrazine	11.06	200	203788	40.514 ng	99
70) Pentachlorophenol	11.18	266	157133	51.470 ng	98
71) Phenanthrene	11.39	178	1082874	41.698 ng	100
72) Anthracene	11.45	178	1125539	42.825 ng	99
73) Carbazole	11.60	167	992106	41.607 ng	100
74) Di-n-butylphthalate	11.92	149	1262231	45.378 ng	99
75) Fluoranthene	12.58	202	1080081	39.727 ng	98
77) Benzidine	12.70	184	399226	41.324 ng	98
78) Pyrene	12.81	202	1054282	48.909 ng	99
80) Butylbenzylphthalate	13.42	149	465935	51.099 ng	94
81) Benzo(a)anthracene	14.00	228	762938	41.742 ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	227582	35.840 ng	98
83) Chrysene	14.03	228	751087	42.327 ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	634061	53.511 ng	99
85) Di-n-octyl phthalate	14.59	149	945892	50.258 ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	946037	63.477 ng	100
88) Benzo(b)fluoranthene	15.04	252	762278	40.504 ng	99
89) Benzo(k)fluoranthene	15.07	252	679735	37.082 ng	98
90) Benzo(a)pyrene	15.42	252	726898	43.207 ng	99
91) Dibenzo(a,h)anthracene	16.96	278	779074	53.499 ng	99
92) Benzo(g,h,i)perylene	17.39	276	807227	56.443 ng	97

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

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