Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114827.D
Acq On : 5 Jun 2019 19:27
Operator : HP/JU
Sample : K3186-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMSD

Manual Integrations APPROVED
mohammad
6/6/2019 4:50:10 PM

Quant Time: Jun 06 06:42:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	340156	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	1349975	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	706803	20.00	ng		0.00
64) Phenanthrene-d10	11.17	188	1440338	20.00	ng		0.00
76) Chrysene-d12	13.80	240	874654	20.00	ng		0.00
87) Perylene-d12	15.20	264	1040226	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1550212	79.63	ng		0.00
7) Phenol-d6	6.31	99	1938301	81.83	ng		0.00
23) Nitrobenzene-d5	7.23	82	1189075	54.22	ng		0.00
42) 2,4,6-Tribromophenol	10.49	330	629939	82.70	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	2331790	61.80	ng		0.00
79) Terphenyl-d14	12.76	244	2684275	59.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	199632	21.479	ng		99
3) Pyridine	2.99	79	435071	17.033	ng		98
4) n-Nitrosodimethylamine	2.90	42	228984	24.494	ng		98
6) Aniline	6.33	93	505254	15.032	ng		97
8) 2-Chlorophenol	6.45	128	611690	27.196	ng		100
9) Benzaldehyde	6.21	77	184319	11.218	ng		98
10) Phenol	6.32	94	722398	26.669	ng		88
11) bis(2-Chloroethyl)ether	6.40	93	552230	26.122	ng		97
12) 1,3-Dichlorobenzene	6.61	146	650358	24.814	ng		100
13) 1,4-Dichlorobenzene	6.69	146	655982	24.874	ng		98
14) 1,2-Dichlorobenzene	6.84	146	621488	26.094	ng		97
15) Benzyl Alcohol	6.81	79	491296	27.427	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	781862	25.860	ng		97
17) 2-Methylphenol	6.93	107	488062	25.386	ng		100
18) Hexachloroethane	7.19	117	232697	23.443	ng		93
19) n-Nitroso-di-n-propylamine	7.09	70	386789	24.668	ng		99
20) 3+4-Methylphenols	7.08	107	614143	28.961	ng	#	86
22) Acetophenone	7.07	105	801094	26.953	ng		96
24) Nitrobenzene	7.25	77	600141	26.416	ng		98
25) Isophorone	7.49	82	1136112	26.205	ng		98
26) 2-Nitrophenol	7.57	139	335725	27.284	ng		98
27) 2,4-Dimethylphenol	7.61	122	552087	29.520	ng		98
28) bis(2-Chloroethoxy)methane	7.70	93	711122	25.660	ng		100
29) 2,4-Dichlorophenol	7.81	162	540550	27.472	ng		99
30) 1,2,4-Trichlorobenzene	7.90	180	577764	25.591	ng		98
31) Naphthalene	7.97	128	1747471	28.753	ng		98
32) Benzoic acid	7.71	122	281073	20.635	ng		99
33) 4-Chloroaniline	8.02	127	354359	12.222	ng		99
34) Hexachlorobutadiene	8.10	225	312712	24.363	ng		99
35) Caprolactam	8.37	113	179713m	27.960	ng		
36) 4-Chloro-3-methylphenol	8.50	107	554157	28.303	ng		99
37) 2-Methylnaphthalene	8.66	142	1200335	28.474	ng		99
38) 1-Methylnaphthalene	8.76	142	1154357	28.875	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	532514	26.143	ng		100

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Quant Time: Jun 06 06:42:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	406893	32.937	ng		99
43) 2,4,6-Trichlorophenol	8.94	196	405290	25.589	ng		99
44) 2,4,5-Trichlorophenol	8.98	196	432237	27.098	ng		96
46) 1,1'-Biphenyl	9.13	154	1461738	27.904	ng		97
47) 2-Chloronaphthalene	9.15	162	1166798	26.213	ng		97
48) 2-Nitroaniline	9.24	65	335084	25.226	ng		97
49) Acenaphthylene	9.56	152	1819846	28.193	ng		97
50) Dimethylphthalate	9.43	163	1771929	34.325	ng		100
51) 2,6-Dinitrotoluene	9.49	165	320118	26.368	ng		93
52) Acenaphthene	9.73	154	1197103	28.310	ng		99
53) 3-Nitroaniline	9.65	138	264997	18.685	ng		97
54) 2,4-Dinitrophenol	9.75	184	223864	40.750	ng		97
55) Dibenzofuran	9.90	168	1638580	27.867	ng		96
56) 4-Nitrophenol	9.82	139	572343	55.074	ng		90
57) 2,4-Dinitrotoluene	9.89	165	442076	28.966	ng		99
58) Fluorene	10.25	166	1182536	27.876	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.02	232	373347	28.569	ng		99
60) Diethylphthalate	10.13	149	1467342	28.327	ng		98
61) 4-Chlorophenyl-phenylether	10.24	204	595721	26.452	ng		97
62) 4-Nitroaniline	10.26	138	326288	23.720	ng		96
63) Azobenzene	10.40	77	1277430	28.971	ng		96
65) 4,6-Dinitro-2-methylphenol	10.29	198	158211	21.146	ng		99
66) n-Nitrosodiphenylamine	10.36	169	1170235	26.869	ng		99
67) 4-Bromophenyl-phenylether	10.73	248	408682	24.983	ng		93
68) Hexachlorobenzene	10.79	284	439512	24.549	ng		95
69) Atrazine	10.89	200	396428	26.172	ng		99
70) Pentachlorophenol	10.99	266	492184	47.555	ng		99
71) Phenanthrene	11.20	178	1950957	28.373	ng		99
72) Anthracene	11.25	178	2012843	27.816	ng		97
73) Carbazole	11.40	167	1790845	28.869	ng		97
74) Di-n-butylphthalate	11.74	149	2366549	29.005	ng		98
75) Fluoranthene	12.38	202	2094176	29.262	ng		97
77) Benzidine	12.50	184	175428	4.051	ng	#	85
78) Pyrene	12.60	202	2096372	27.629	ng		98
80) Butylbenzylphthalate	13.23	149	1066183	27.826	ng		96
81) Benzo(a)anthracene	13.79	228	1682741	24.966	ng		97
82) 3,3'-Dichlorobenzidine	13.75	252	523933	19.170	ng		99
83) Chrysene	13.83	228	1670219	25.473	ng		97
84) Bis(2-ethylhexyl)phthalate	13.80	149	1380030	28.483	ng		99
85) Di-n-octyl phthalate	14.42	149	2397149	29.118	ng		99
86) Indeno(1,2,3-cd)pyrene	16.52	276	1681580	22.477	ng		99
88) Benzo(b)fluoranthene	14.81	252	1802807	27.224	ng		99
89) Benzo(k)fluoranthene	14.84	252	1434142	25.502	ng		98
90) Benzo(a)pyrene	15.14	252	1587031	27.688	ng		99
91) Dibenzo(a,h)anthracene	16.53	278	1411863	26.010	ng		99
92) Benzo(g,h,i)perylene	16.91	276	1330246	24.370	ng		98

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

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