Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085544.D
Acq On : 19 Mar 2016 00:34
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF031816

Manual Integrations APPROVED
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3/21/2016 5:07:45 PM

Quant Time: Mar 19 03:35:54 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	141774	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	546631	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	261968	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	480287	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	374261	20.00	ng	0.00
86) Perylene-d12	15.44	264	291321	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	691710	81.95	ng	0.00
7) Phenol-d6	6.49	99	886602	81.90	ng	0.00
23) Nitrobenzene-d5	7.42	82	778203	82.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	216298	84.29	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1350133	88.95	ng	0.00
78) Terphenyl-d14	12.96	244	1141135	73.37	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.45	88	160979	39.23	ng	100
3) Pyridine	3.18	79	436704	43.34	ng	99
4) n-Nitrosodimethylamine	3.13	42	170616	40.56	ng	94
6) Aniline	6.52	93	576121	39.62	ng	97
8) 2-Chlorophenol	6.64	128	397749	40.73	ng	98
9) Benzaldehyde	6.40	77	205174	40.44	ng	97
10) Phenol	6.50	94	520571	42.22	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	391972	42.17	ng	97
12) 1,3-Dichlorobenzene	6.79	146	420015m	39.47	ng	
13) 1,4-Dichlorobenzene	6.87	146	409906	37.77	ng	99
14) 1,2-Dichlorobenzene	7.03	146	400206	41.53	ng	98
15) Benzyl Alcohol	7.00	79	280804	37.87	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	500797	40.97	ng	99
17) 2-Methylphenol	7.11	107	311197	38.45	ng	99
18) Hexachloroethane	7.37	117	159144	40.61	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	251366	38.87	ng	96
20) 3+4-Methylphenols	7.27	107	372172	39.70	ng	98
22) Acetophenone	7.27	105	490018	37.78	ng	98
24) Nitrobenzene	7.44	77	414532	40.21	ng	97
25) Isophorone	7.68	82	741519	39.33	ng	99
26) 2-Nitrophenol	7.76	139	234420	46.01	ng	94
27) 2,4-Dimethylphenol	7.80	122	343858	38.17	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	443999	41.40	ng	99
29) 2,4-Dichlorophenol	8.00	162	313349	42.12	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	320419	38.45	ng	98
31) Naphthalene	8.16	128	1030242	37.34	ng	100
32) Benzoic acid	7.93	122	299262	39.73	ng	100
33) 4-Chloroaniline	8.22	127	467502	41.34	ng	98
34) Hexachlorobutadiene	8.29	225	184049	41.44	ng	99
35) Caprolactam	8.60	113	109657	42.84	ng	88
36) 4-Chloro-3-methylphenol	8.70	107	359954	41.43	ng	97
37) 2-Methylnaphthalene	8.86	142	718765	42.74	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	291079	36.63	ng	100
40) Hexachlorocyclopentadiene	9.01	237	150491	42.02	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	214007	39.34	ng		100
43) 2,4,5-Trichlorophenol	9.18	196	214679	38.78	ng		97
45) 1,1'-Biphenyl	9.32	154	841652	37.24	ng		99
46) 2-Chloronaphthalene	9.35	162	654992	39.68	ng		98
47) 2-Nitroaniline	9.44	65	213637	42.78	ng		94
48) Acenaphthylene	9.76	152	1123144	42.04	ng		99
49) Dimethylphthalate	9.62	163	760539	38.47	ng		100
50) 2,6-Dinitrotoluene	9.68	165	153565	36.80	ng		99
51) Acenaphthene	9.93	154	685860	40.91	ng		99
52) 3-Nitroaniline	9.85	138	209702	40.12	ng		98
53) 2,4-Dinitrophenol	9.96	184	96848	37.88	ng		95
54) Dibenzofuran	10.10	168	863379	42.29	ng		99
55) 4-Nitrophenol	10.01	139	169596	41.98	ng		98
56) 2,4-Dinitrotoluene	10.08	165	214460	39.25	ng	#	48
57) Fluorene	10.45	166	712934	41.90	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	156859	39.35	ng		98
59) Diethylphthalate	10.32	149	787303	40.06	ng		100
60) 4-Chlorophenyl-phenylether	10.44	204	315557	37.98	ng		97
61) 4-Nitroaniline	10.47	138	216877	42.09	ng		96
62) Azobenzene	10.60	77	748154	39.67	ng		98
64) 4,6-Dinitro-2-methylphenol	10.49	198	120379	39.17	ng		93
65) n-Nitrosodiphenylamine	10.56	169	604106	40.38	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	205194	42.77	ng		96
67) Hexachlorobenzene	11.00	284	217610	42.69	ng		97
68) Atrazine	11.09	200	196866	43.22	ng		98
69) Pentachlorophenol	11.19	266	124545	40.24	ng		99
70) Phenanthrene	11.41	178	1061217	41.90	ng		100
71) Anthracene	11.45	178	955619	35.99	ng		99
72) Carbazole	11.61	167	974446	42.54	ng		99
73) Di-n-butylphthalate	11.94	149	1218126	42.46	ng		99
74) Fluoranthene	12.58	202	1013168	38.21	ng		99
76) Benzidine	12.71	184	486005	38.62	ng		99
77) Pyrene	12.81	202	1008988	37.55	ng		99
79) Butylbenzylphthalate	13.43	149	483194	37.72	ng	#	66
80) Benzo(a)anthracene	14.00	228	831428	38.27	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	299641	37.63	ng		98
82) Chrysene	14.05	228	812293	38.86	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	593859	37.32	ng		99
84) Di-n-octyl phthalate	14.61	149	1041279	40.15	ng		99
85) Indeno(1,2,3-cd)pyrene	16.84	276	624840	35.77	ng		100
87) Benzo(b)fluoranthene	15.03	252	686595	36.12	ng		99
88) Benzo(k)fluoranthene	15.07	252	722885m	46.16	ng		
89) Benzo(a)pyrene	15.39	252	650436	40.36	ng	#	97
90) Dibenzo(a,h)anthracene	16.86	278	522887	38.90	ng		98
91) Benzo(g,h,i)perylene	17.26	276	498432	38.31	ng		99

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

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