Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062916\
Data File : BF088524.D
Acq On : 30 Jun 2016 7:11
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED
sohil
6/30/2016 7:45:52 PM

Quant Time: Jun 30 07:44:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 02:07:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	100718	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	354058	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	132224	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	246654	20.00	ng		0.00
75) Chrysene-d12	13.97	240	244562	20.00	ng		0.00
86) Perylene-d12	15.37	264	255398	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	601984	92.56	ng		0.00
7) Phenol-d6	6.46	99	704149	84.67	ng		0.00
23) Nitrobenzene-d5	7.38	82	578496	85.82	ng		-0.01
41) 2,4,6-Tribromophenol	10.64	330	89686	88.47	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	824708	108.04	ng		0.00
78) Terphenyl-d14	12.91	244	703384	55.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	147453	44.39	ng	#	31
3) Pyridine	3.08	79	414255	42.85	ng		98
4) n-Nitrosodimethylamine	3.04	42	163743	43.04	ng		99
6) Aniline	6.48	93	467121	38.46	ng		100
8) 2-Chlorophenol	6.60	128	292739	41.01	ng		98
9) Benzaldehyde	6.36	77	151669	45.45	ng		97
10) Phenol	6.47	94	432731	46.55	ng		93
11) bis(2-Chloroethyl)ether	6.56	93	284932	37.83	ng		99
12) 1,3-Dichlorobenzene	6.76	146	313371	41.65	ng		97
13) 1,4-Dichlorobenzene	6.84	146	327877	42.75	ng		97
14) 1,2-Dichlorobenzene	6.99	146	271703	42.56	ng		99
15) Benzyl Alcohol	6.96	79	261252	37.98	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.11	45	394682	36.06	ng		100
17) 2-Methylphenol	7.07	107	224122	36.90	ng		99
18) Hexachloroethane	7.34	117	106479	36.05	ng		96
19) n-Nitroso-di-n-propylamine	7.24	70	218993	38.69	ng	#	93
20) 3+4-Methylphenols	7.23	107	277025	41.29	ng		94
22) Acetophenone	7.23	105	338848	39.75	ng		97
24) Nitrobenzene	7.40	77	296705	41.03	ng		98
25) Isophorone	7.64	82	498879	36.63	ng	#	93
26) 2-Nitrophenol	7.72	139	114927	48.84	ng		99
27) 2,4-Dimethylphenol	7.76	122	226978	37.12	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	352180	41.95	ng		99
29) 2,4-Dichlorophenol	7.96	162	206719	41.96	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	215268	39.73	ng		100
31) Naphthalene	8.14	128	698227	38.87	ng		99
32) Benzoic acid	7.85	122	99575	38.89	ng		97
33) 4-Chloroaniline	8.18	127	292597	36.51	ng		98
34) Hexachlorobutadiene	8.25	225	105843	41.79	ng		97
35) Caprolactam	8.52	113	55437	36.81	ng		96
36) 4-Chloro-3-methylphenol	8.65	107	183258	33.48	ng	#	82
37) 2-Methylnaphthalene	8.82	142	451490	40.87	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	157179	44.58	ng	#	100
40) Hexachlorocyclopentadiene	8.98	237	32765	15.48	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	115782	43.87	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	120490m	45.70	ng		
45) 1,1'-Biphenyl	9.28	154	450443	43.49	ng		99
46) 2-Chloronaphthalene	9.30	162	358257	43.47	ng		99
47) 2-Nitroaniline	9.39	65	110412	43.98	ng		98
48) Acenaphthylene	9.71	152	559929	40.12	ng		99
49) Dimethylphthalate	9.59	163	416900	46.62	ng		97
50) 2,6-Dinitrotoluene	9.64	165	84747	42.64	ng	#	69
51) Acenaphthene	9.90	154	322167	39.21	ng		98
52) 3-Nitroaniline	9.80	138	112263	49.66	ng		87
53) 2,4-Dinitrophenol	9.91	184	8016	25.32	ng	#	84
54) Dibenzofuran	10.06	168	489340	40.35	ng	#	89
55) 4-Nitrophenol	9.95	139	70801	45.73	ng		92
56) 2,4-Dinitrotoluene	10.03	165	96845	38.96	ng	#	49
57) Fluorene	10.40	166	342873	43.87	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	85929	43.32	ng		98
59) Diethylphthalate	10.28	149	419908	44.40	ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	165253	47.46	ng		96
61) 4-Nitroaniline	10.41	138	103968	54.29	ng		86
62) Azobenzene	10.56	77	513002	41.70	ng		94
64) 4,6-Dinitro-2-methylphenol	10.44	198	13873	24.22	ng	#	63
65) n-Nitrosodiphenylamine	10.51	169	340664	38.57	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	100508	37.67	ng		96
67) Hexachlorobenzene	10.95	284	102271	37.69	ng		96
68) Atrazine	11.04	200	94091	36.87	ng		98
69) Pentachlorophenol	11.14	266	62664	45.78	ng		98
70) Phenanthrene	11.36	178	577567	47.21	ng		99
71) Anthracene	11.40	178	557031	41.49	ng		99
72) Carbazole	11.57	167	580997	50.45	ng		99
73) Di-n-butylphthalate	11.91	149	673987	45.58	ng		98
74) Fluoranthene	12.54	202	605373	51.93	ng		99
76) Benzidine	12.66	184	297631	39.13	ng		99
77) Pyrene	12.77	202	613609	29.09	ng		99
79) Butylbenzylphthalate	13.39	149	302268	34.35	ng		100
80) Benzo(a)anthracene	13.95	228	648928	39.31	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	227903	41.73	ng	#	98
82) Chrysene	13.99	228	530617	34.63	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	430416	35.16	ng		99
84) Di-n-octyl phthalate	14.57	149	867419	41.44	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.72	276	501120	25.08	ng	#	100
87) Benzo(b)fluoranthene	14.97	252	617545m	41.76	ng		
88) Benzo(k)fluoranthene	14.99	252	559250m	42.24	ng		
89) Benzo(a)pyrene	15.31	252	568292	40.11	ng	#	94
90) Dibenzo(a,h)anthracene	16.74	278	421077	29.32	ng		98
91) Benzo(g,h,i)perylene	17.13	276	382904	25.45	ng		98

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

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