Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083935.D
Acq On : 19 Dec 2015 1:30
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
12/22/2015 11:51:37 AM

Quant Time: Dec 19 05:40:12 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	69002	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	227996	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	97314	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	171430	20.00	ng		0.00
75) Chrysene-d12	14.03	240	130874	20.00	ng		0.00
86) Perylene-d12	15.47	264	114285	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	295553	67.03	ng		0.00
7) Phenol-d6	6.51	99	401105	74.32	ng		0.00
23) Nitrobenzene-d5	7.44	82	374718	93.80	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	59872	55.85	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	542134	77.09	ng		-0.01
78) Terphenyl-d14	12.98	244	477537	85.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	84293	44.07	ng		99
3) Pyridine	3.18	79	178984	37.84	ng		98
4) n-Nitrosodimethylamine	3.13	42	67670	37.51	ng		97
6) Aniline	6.53	93	261236	37.58	ng	#	85
8) 2-Chlorophenol	6.66	128	212321	40.46	ng		92
9) Benzaldehyde	6.41	77	123152	37.87	ng		94
10) Phenol	6.53	94	217724	36.15	ng	#	76
11) bis(2-Chloroethyl)ether	6.60	93	167658	36.65	ng		95
12) 1,3-Dichlorobenzene	6.81	146	208858m	37.01	ng		
13) 1,4-Dichlorobenzene	6.89	146	227880	39.55	ng		93
14) 1,2-Dichlorobenzene	7.04	146	188679	40.24	ng		95
15) Benzyl Alcohol	7.01	79	139163	34.07	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.15	45	182735	38.74	ng		98
17) 2-Methylphenol	7.14	107	157068	38.16	ng		95
18) Hexachloroethane	7.38	117	67570	31.96	ng		93
19) n-Nitroso-di-n-propylamine	7.29	70	128392	40.81	ng	#	88
20) 3+4-Methylphenols	7.29	107	184064	38.05	ng	#	67
22) Acetophenone	7.28	105	260631	47.48	ng	#	93
24) Nitrobenzene	7.46	77	189258	45.81	ng	#	79
25) Isophorone	7.70	82	357331	47.54	ng	#	93
26) 2-Nitrophenol	7.77	139	65007	30.40	ng	#	87
27) 2,4-Dimethylphenol	7.81	122	133107	36.13	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	173726	39.07	ng		99
29) 2,4-Dichlorophenol	8.02	162	122330	36.60	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	139546	38.88	ng		96
31) Naphthalene	8.18	128	468524	40.57	ng		99
32) Benzoic acid	7.92	122	26613	24.45	ng		96
33) 4-Chloroaniline	8.22	127	178771	34.54	ng		96
34) Hexachlorobutadiene	8.29	225	74578	33.27	ng		98
35) Caprolactam	8.60	113	36027	32.63	ng		84
36) 4-Chloro-3-methylphenol	8.72	107	135070	35.43	ng		100
37) 2-Methylnaphthalene	8.86	142	267333	33.74	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	127416	41.53	ng		99
40) Hexachlorocyclopentadiene	9.02	237	4552	14.61	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	73622	36.34	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	68627	34.23	ng		96
45) 1,1'-Biphenyl	9.33	154	381406	46.77	ng		98
46) 2-Chloronaphthalene	9.36	162	270324	42.17	ng		98
47) 2-Nitroaniline	9.45	65	69711	36.22	ng		93
48) Acenaphthylene	9.77	152	422545	37.24	ng		99
49) Dimethylphthalate	9.63	163	307362	37.64	ng	#	90
50) 2,6-Dinitrotoluene	9.70	165	64215	36.05	ng	#	83
51) Acenaphthene	9.94	154	232918	33.39	ng		98
52) 3-Nitroaniline	9.86	138	68031	36.23	ng		96
53) 2,4-Dinitrophenol	9.97	184	2728	14.01	ng		86
54) Dibenzofuran	10.11	168	327673	36.17	ng		91
55) 4-Nitrophenol	10.03	139	30706	26.20	ng	#	75
56) 2,4-Dinitrotoluene	10.10	165	89762	39.31	ng		87
57) Fluorene	10.45	166	271067	38.94	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	47491	32.02	ng		93
59) Diethylphthalate	10.33	149	319442	37.84	ng		97
60) 4-Chlorophenyl-phenylether	10.44	204	129071	37.17	ng	#	79
61) 4-Nitroaniline	10.48	138	80127	41.25	ng		96
62) Azobenzene	10.60	77	258684	36.56	ng		88
64) 4,6-Dinitro-2-methylphenol	10.51	198	7513	10.48	ng		92
65) n-Nitrosodiphenylamine	10.57	169	266401	42.71	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	77151	36.81	ng	#	69
67) Hexachlorobenzene	11.01	284	84574	38.32	ng	#	88
68) Atrazine	11.09	200	71874	36.37	ng		100
69) Pentachlorophenol	11.21	266	20451	25.27	ng		94
70) Phenanthrene	11.41	178	355496	34.32	ng		99
71) Anthracene	11.47	178	404323	40.38	ng		99
72) Carbazole	11.62	167	317166	32.06	ng		100
73) Di-n-butylphthalate	11.95	149	455391	39.18	ng	#	98
74) Fluoranthene	12.60	202	346329	33.51	ng		98
76) Benzidine	12.72	184	167121	31.89	ng		100
77) Pyrene	12.83	202	340441	41.25	ng		100
79) Butylbenzylphthalate	13.45	149	186276	42.76	ng		91
80) Benzo(a)anthracene	14.02	228	294399	36.59	ng		100
81) 3,3'-Dichlorobenzidine	13.97	252	107980	35.90	ng	#	92
82) Chrysene	14.05	228	251009	32.29	ng		100
83) Bis(2-ethylhexyl)phthalate	14.01	149	248763	42.77	ng		100
84) Di-n-octyl phthalate	14.61	149	391731	43.04	ng		99
85) Indeno(1,2,3-cd)pyrene	16.91	276	267248	45.98	ng		100
87) Benzo(b)fluoranthene	15.06	252	304712m	36.57	ng		
88) Benzo(k)fluoranthene	15.08	252	237504m	34.55	ng		
89) Benzo(a)pyrene	15.41	252	254605	37.00	ng		98
90) Dibenzo(a,h)anthracene	16.91	278	224161	41.88	ng		97
91) Benzo(g,h,i)perylene	17.33	276	212490	40.51	ng		98

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

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