Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
Data File : BF088172.D
Acq On : 20 Jun 2016 15:04
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
sohil
6/21/2016 4:21:45 PM

Quant Time: Jun 20 18:22:04 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 17:39:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	84746	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	348139	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	171179	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	307678	20.00	ng		0.00
75) Chrysene-d12	13.81	240	239839	20.00	ng		0.00
86) Perylene-d12	15.18	264	197204	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	400973	80.89	ng		0.00
7) Phenol-d6	6.33	99	471802	78.53	ng		0.00
23) Nitrobenzene-d5	7.24	82	462663	77.60	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	108442	60.00	ng		0.00
44) 2-Fluorobiphenyl	9.04	172	883966	80.85	ng		0.00
78) Terphenyl-d14	12.77	244	795407	75.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	103061	42.79	ng	#	46
3) Pyridine	2.80	79	246527	43.35	ng		92
4) n-Nitrosodimethylamine	2.75	42	87183	36.20	ng	#	77
6) Aniline	6.33	93	292847	34.25	ng	#	68
8) 2-Chlorophenol	6.46	128	243002	41.41	ng		90
9) Benzaldehyde	6.22	77	142178	37.13	ng		99
10) Phenol	6.34	94	284818	45.97	ng		89
11) bis(2-Chloroethyl)ether	6.41	93	206010	39.11	ng		89
12) 1,3-Dichlorobenzene	6.60	146	249053	39.56	ng		98
13) 1,4-Dichlorobenzene	6.68	146	256570	40.46	ng		99
14) 1,2-Dichlorobenzene	6.84	146	220502	38.23	ng		100
15) Benzyl Alcohol	6.82	79	157959	33.61	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	250345	35.17	ng		77
17) 2-Methylphenol	6.95	107	186008	39.09	ng		98
18) Hexachloroethane	7.18	117	89914	39.96	ng	#	89
19) n-Nitroso-di-n-propylamine	7.10	70	151238	39.35	ng		87
20) 3+4-Methylphenols	7.11	107	243811	43.91	ng	#	75
22) Acetophenone	7.08	105	311687	40.06	ng	#	96
24) Nitrobenzene	7.26	77	210856	36.51	ng		87
25) Isophorone	7.51	82	427090	38.67	ng	#	93
26) 2-Nitrophenol	7.58	139	130407	42.15	ng	#	87
27) 2,4-Dimethylphenol	7.63	122	213583	37.50	ng		100
28) bis(2-Chloroethoxy)methane	7.71	93	262605	38.34	ng	#	96
29) 2,4-Dichlorophenol	7.83	162	200925	42.25	ng		94
30) 1,2,4-Trichlorobenzene	7.90	180	198341	38.30	ng		98
31) Naphthalene	7.98	128	676968	39.29	ng		99
32) Benzoic acid	7.76	122	66600	21.23	ng		96
33) 4-Chloroaniline	8.03	127	289476	37.63	ng		99
34) Hexachlorobutadiene	8.10	225	104628	38.31	ng		98
35) Caprolactam	8.41	113	61781	39.22	ng	#	82
36) 4-Chloro-3-methylphenol	8.54	107	206515	40.61	ng		87
37) 2-Methylnaphthalene	8.67	142	442510	38.97	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	183581	39.57	ng	#	1
40) Hexachlorocyclopentadiene	8.82	237	89760	32.51	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	118130	34.51	ng		99
43) 2,4,5-Trichlorophenol	9.00	196	124346	34.91	ng		97
45) 1,1'-Biphenyl	9.13	154	526319	40.32	ng		98
46) 2-Chloronaphthalene	9.15	162	417781	37.72	ng		99
47) 2-Nitroaniline	9.26	65	111225	34.04	ng		91
48) Acenaphthylene	9.56	152	614549	34.88	ng		99
49) Dimethylphthalate	9.44	163	482904	38.94	ng		100
50) 2,6-Dinitrotoluene	9.51	165	115461	40.66	ng	#	85
51) Acenaphthene	9.74	154	376926	34.29	ng		99
52) 3-Nitroaniline	9.67	138	116530	35.56	ng		97
53) 2,4-Dinitrophenol	9.78	184	41442	32.54	ng		98
54) Dibenzofuran	9.91	168	533956	35.27	ng	#	90
55) 4-Nitrophenol	9.85	139	100557	39.54	ng		99
56) 2,4-Dinitrotoluene	9.91	165	137127	37.57	ng	#	67
57) Fluorene	10.25	166	440650	42.85	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	98992	35.37	ng	#	57
59) Diethylphthalate	10.14	149	519974	41.43	ng		100
60) 4-Chlorophenyl-phenylether	10.24	204	179641	35.69	ng		90
61) 4-Nitroaniline	10.28	138	131799	42.40	ng		98
62) Azobenzene	10.40	77	457788	36.88	ng		95
64) 4,6-Dinitro-2-methylphenol	10.32	198	45949	25.01	ng	#	60
65) n-Nitrosodiphenylamine	10.36	169	388801	38.08	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	130772	39.62	ng		93
67) Hexachlorobenzene	10.80	284	132650	38.68	ng	#	71
68) Atrazine	10.90	200	123111	39.82	ng		99
69) Pentachlorophenol	10.99	266	59860	33.11	ng		97
70) Phenanthrene	11.20	178	653728	40.49	ng		100
71) Anthracene	11.26	178	647715	39.77	ng		99
72) Carbazole	11.42	167	621604	40.79	ng		99
73) Di-n-butylphthalate	11.75	149	720716	37.36	ng		100
74) Fluoranthene	12.39	202	670452	39.35	ng		98
76) Benzidine	12.51	184	271210	40.84	ng		99
77) Pyrene	12.62	202	688597	38.69	ng		99
79) Butylbenzylphthalate	13.23	149	313600	39.85	ng	#	86
80) Benzo(a)anthracene	13.79	228	497471	36.40	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	159890	43.50	ng	#	95
82) Chrysene	13.84	228	544545	42.35	ng		98
83) Bis(2-ethylhexyl)phthalate	13.79	149	384140	40.10	ng		99
84) Di-n-octyl phthalate	14.40	149	713269	45.83	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.47	276	429736	35.97	ng	#	100
87) Benzo(b)fluoranthene	14.80	252	468228m	34.07	ng		
88) Benzo(k)fluoranthene	14.82	252	492958m	47.54	ng		
89) Benzo(a)pyrene	15.12	252	450654	40.52	ng		98
90) Dibenzo(a,h)anthracene	16.47	278	362001	35.05	ng		98
91) Benzo(g,h,i)perylene	16.85	276	380590	35.82	ng		99

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

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