Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
Data File : BF088096.D
Acq On : 17 Jun 2016 16:41
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
sohil
6/20/2016 6:50:44 PM

Quant Time: Jun 17 17:28:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 17 16:09:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	134231	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	551751	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	249687	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	464170	20.00	ng		0.01
75) Chrysene-d12	13.85	240	316447	20.00	ng		0.00
86) Perylene-d12	15.23	264	265837	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	553547	70.50	ng		0.00
7) Phenol-d6	6.35	99	697482	73.30	ng		0.00
23) Nitrobenzene-d5	7.28	82	735924	77.89	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	163119	61.87	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1242882	77.72	ng		0.00
78) Terphenyl-d14	12.80	244	902826	64.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	159017	41.68	ng	#	43
3) Pyridine	2.86	79	347975	38.63	ng		93
4) n-Nitrosodimethylamine	2.82	42	143205	37.54	ng	#	76
6) Aniline	6.36	93	462524	34.15	ng	#	27
8) 2-Chlorophenol	6.49	128	371744	40.00	ng		83
9) Benzaldehyde	6.24	77	170449	24.33	ng		92
10) Phenol	6.36	94	397597	40.20	ng	#	59
11) bis(2-Chloroethyl)ether	6.44	93	348774	41.80	ng		89
12) 1,3-Dichlorobenzene	6.64	146	383979	38.51	ng		96
13) 1,4-Dichlorobenzene	6.72	146	393621	39.19	ng		99
14) 1,2-Dichlorobenzene	6.87	146	320067m	35.04	ng		
15) Benzyl Alcohol	6.86	79	232603	31.24	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	422952	37.52	ng		87
17) 2-Methylphenol	6.97	107	286625	38.03	ng		99
18) Hexachloroethane	7.21	117	143937	40.38	ng		91
19) n-Nitroso-di-n-propylamine	7.13	70	215814	35.45	ng		88
20) 3+4-Methylphenols	7.13	107	295233	33.57	ng		96
22) Acetophenone	7.12	105	463277	37.57	ng	#	96
24) Nitrobenzene	7.29	77	315381	34.46	ng		88
25) Isophorone	7.54	82	679610	38.83	ng		96
26) 2-Nitrophenol	7.61	139	217995	44.46	ng	#	81
27) 2,4-Dimethylphenol	7.66	122	319362	35.38	ng		94
28) bis(2-Chloroethoxy)methane	7.75	93	400764	36.92	ng	#	97
29) 2,4-Dichlorophenol	7.85	162	288939	38.34	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	297472	36.25	ng		100
31) Naphthalene	8.01	128	987470	36.17	ng		100
32) Benzoic acid	7.82	122	189530	38.13	ng		95
33) 4-Chloroaniline	8.07	127	462947	37.97	ng		95
34) Hexachlorobutadiene	8.12	225	151187	34.93	ng		98
35) Caprolactam	8.47	113	104533	41.87	ng	#	80
36) 4-Chloro-3-methylphenol	8.56	107	287160	35.63	ng		99
37) 2-Methylnaphthalene	8.70	142	633621	35.21	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	268790	39.78	ng	#	1
40) Hexachlorocyclopentadiene	8.86	237	104582	25.97	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	185371	37.12	ng		96
43) 2,4,5-Trichlorophenol	9.03	196	197541	38.03	ng	#	93
45) 1,1'-Biphenyl	9.16	154	710291	36.76	ng		99
46) 2-Chloronaphthalene	9.19	162	574864	35.58	ng		100
47) 2-Nitroaniline	9.29	65	175217	36.76	ng	#	86
48) Acenaphthylene	9.60	152	828073	32.22	ng		100
49) Dimethylphthalate	9.48	163	745742	41.23	ng		98
50) 2,6-Dinitrotoluene	9.54	165	186717	45.08	ng		94
51) Acenaphthene	9.77	154	498987	31.12	ng		99
52) 3-Nitroaniline	9.70	138	174569	36.52	ng		97
53) 2,4-Dinitrophenol	9.82	184	74090	38.52	ng	#	77
54) Dibenzofuran	9.94	168	696765	31.56	ng	#	88
55) 4-Nitrophenol	9.87	139	107770	29.05	ng		92
56) 2,4-Dinitrotoluene	9.94	165	195092	36.65	ng	#	64
57) Fluorene	10.28	166	524163	33.94	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	162153	39.72	ng	#	54
59) Diethylphthalate	10.17	149	659171	36.00	ng		99
60) 4-Chlorophenyl-phenylether	10.28	204	260606	35.49	ng	#	86
61) 4-Nitroaniline	10.32	138	167658	36.98	ng		98
62) Azobenzene	10.44	77	708381	39.13	ng		85
64) 4,6-Dinitro-2-methylphenol	10.35	198	120019	41.71	ng	#	58
65) n-Nitrosodiphenylamine	10.40	169	570460	37.04	ng		100
66) 4-Bromophenyl-phenylether	10.76	248	171056	34.35	ng	#	83
67) Hexachlorobenzene	10.83	284	198977	38.46	ng	#	85
68) Atrazine	10.94	200	169961	36.44	ng		93
69) Pentachlorophenol	11.03	266	95197	34.90	ng		98
70) Phenanthrene	11.24	178	933752	38.34	ng		99
71) Anthracene	11.29	178	857275	34.89	ng		100
72) Carbazole	11.45	167	800920	34.84	ng		100
73) Di-n-butylphthalate	11.78	149	1032630	35.48	ng		100
74) Fluoranthene	12.42	202	807414	31.41	ng		98
76) Benzidine	12.55	184	143803	16.41	ng		99
77) Pyrene	12.65	202	855509	36.43	ng		99
79) Butylbenzylphthalate	13.28	149	478297	46.07	ng		98
80) Benzo(a)anthracene	13.84	228	612281	33.95	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	191099	39.41	ng	#	98
82) Chrysene	13.87	228	626921	36.95	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	511668	40.49	ng	#	99
84) Di-n-octyl phthalate	14.44	149	888742	43.28	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.54	276	616391	39.11	ng	#	100
87) Benzo(b)fluoranthene	14.84	252	592309m	31.97	ng		
88) Benzo(k)fluoranthene	14.88	252	586556m	41.97	ng		
89) Benzo(a)pyrene	15.18	252	573614	38.26	ng	#	96
90) Dibenzo(a,h)anthracene	16.55	278	505215	36.29	ng		98
91) Benzo(g,h,i)perylene	16.94	276	537060	37.50	ng		96

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

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