Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
Data File : BF085080.D
Acq On : 13 Feb 2016 12:38
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
2/15/2016 4:45:06 PM

Quant Time: Feb 15 02:31:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 13 00:11:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.88	152	137093	20.00	ng		0.00
21) Naphthalene-d8	7.79	136	637107	20.00	ng		0.00
38) Acenaphthene-d10	10.58	164	295039	20.00	ng		0.00
63) Phenanthrene-d10	13.01	188	528426	20.00	ng		0.01
75) Chrysene-d12	17.18	240	348718	20.00	ng		0.00
86) Perylene-d12	18.80	264	294699	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.15	112	459926	58.66	ng		-0.01
7) Phenol-d6	5.43	99	865265	82.81	ng		-0.01
23) Nitrobenzene-d5	6.72	82	876046	81.20	ng		0.00
41) 2,4,6-Tribromophenol	11.90	330	231625	76.01	ng		0.01
44) 2-Fluorobiphenyl	9.53	172	1737110	84.16	ng		0.00
78) Terphenyl-d14	15.62	244	1465678	86.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.96	88	133510	41.33	ng		93
3) Pyridine	2.44	79	243547	32.28	ng	#	92
4) n-Nitrosodimethylamine	2.44	42	137650m	35.46	ng		
6) Aniline	5.46	93	385044	33.00	ng		90
8) 2-Chlorophenol	5.59	128	419762	43.55	ng		97
9) Benzaldehyde	5.42	77	217177	38.59	ng		95
10) Phenol	5.45	94	487025	39.85	ng		94
11) bis(2-Chloroethyl)ether	5.54	93	581532m	55.49	ng		
12) 1,3-Dichlorobenzene	5.79	146	390393	40.73	ng		95
13) 1,4-Dichlorobenzene	5.91	146	366687	34.38	ng		97
14) 1,2-Dichlorobenzene	6.11	146	446812	44.57	ng		99
15) Benzyl Alcohol	6.30	79	368331	57.69	ng	#	63
16) 2,2'-oxybis(1-Chloropropan	6.30	45	725864	45.09	ng		90
17) 2-Methylphenol	6.34	107	185180	26.54	ng	#	89
18) Hexachloroethane	6.58	117	188466	47.96	ng		90
19) n-Nitroso-di-n-propylamine	6.50	70	253824	38.56	ng		98
20) 3+4-Methylphenols	6.57	107	107184	12.31	ng	#	58
22) Acetophenone	6.51	105	618915	37.90	ng		96
24) Nitrobenzene	6.75	77	400729	33.99	ng		96
25) Isophorone	7.10	82	780415	40.32	ng		98
26) 2-Nitrophenol	7.24	139	103094	18.25	ng		99
27) 2,4-Dimethylphenol	7.35	122	325527	35.61	ng		99
28) bis(2-Chloroethoxy)methane	7.50	93	425273	35.40	ng		99
29) 2,4-Dichlorophenol	7.68	162	302958	36.46	ng		96
30) 1,2,4-Trichlorobenzene	7.70	180	394910	41.23	ng		99
31) Naphthalene	7.82	128	1298713	42.05	ng		99
32) Benzoic acid	7.67	122	46778	15.00	ng	#	80
33) 4-Chloroaniline	8.00	127	349737	29.85	ng		96
34) Hexachlorobutadiene	8.01	225	228044	42.51	ng		97
35) Caprolactam	8.56	113	67134	30.05	ng		93
36) 4-Chloro-3-methylphenol	8.82	107	333163	35.36	ng		96
37) 2-Methylnaphthalene	8.92	142	709766	36.02	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.19	216	393302	41.26	ng		97
40) Hexachlorocyclopentadiene	9.16	237	121079	35.86	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.44	196	143859	27.37	ng		98
43) 2,4,5-Trichlorophenol	9.51	196	239226	39.11	ng		97
45) 1,1'-Biphenyl	9.69	154	1110595	41.38	ng		99
46) 2-Chloronaphthalene	9.70	162	778817	40.96	ng		97
47) 2-Nitroaniline	9.99	65	212143	36.14	ng		98
48) Acenaphthylene	10.35	152	1213362	40.19	ng		99
49) Dimethylphthalate	10.23	163	871640	39.40	ng		98
50) 2,6-Dinitrotoluene	10.33	165	171863	37.87	ng	#	85
51) Acenaphthene	10.64	154	755032	41.36	ng		99
52) 3-Nitroaniline	10.70	138	194803m	38.63	ng		
53) 2,4-Dinitrophenol	10.91	184	35519	25.18	ng	#	38
54) Dibenzofuran	10.94	168	967187	39.61	ng		98
55) 4-Nitrophenol	10.94	139	400244	123.73	ng	#	10
56) 2,4-Dinitrotoluene	11.02	165	241092	39.00	ng	#	83
57) Fluorene	11.48	166	843359	40.27	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.16	232	200801	41.51	ng		97
59) Diethylphthalate	11.37	149	878697	40.09	ng		98
60) 4-Chlorophenyl-phenylether	11.51	204	416611	41.52	ng		92
61) 4-Nitroaniline	11.70	138	155937	33.66	ng		96
62) Azobenzene	11.77	77	806624	38.20	ng		96
64) 4,6-Dinitro-2-methylphenol	11.67	198	86220	30.36	ng		82
65) n-Nitrosodiphenylamine	11.73	169	697035	41.54	ng		99
66) 4-Bromophenyl-phenylether	12.31	248	248545	42.23	ng		96
67) Hexachlorobenzene	12.35	284	259844	41.29	ng		92
68) Atrazine	12.63	200	200677	41.27	ng		98
69) Pentachlorophenol	12.73	266	80547	32.64	ng		97
70) Phenanthrene	13.04	178	1064960	36.55	ng		97
71) Anthracene	13.12	178	1343032	44.11	ng		99
72) Carbazole	13.45	167	1009703	40.05	ng		99
73) Di-n-butylphthalate	14.03	149	1327611	40.12	ng		99
74) Fluoranthene	14.96	202	1165621	40.15	ng		100
76) Benzidine	15.35	184	68660	13.41	ng		97
77) Pyrene	15.31	202	1119954	40.15	ng		100
79) Butylbenzylphthalate	16.45	149	500522	42.67	ng		96
80) Benzo(a)anthracene	17.17	228	706857	35.01	ng		99
81) 3,3'-Dichlorobenzidine	17.18	252	234143	39.90	ng		96
82) Chrysene	17.21	228	892566	45.58	ng		99
83) Bis(2-ethylhexyl)phthalate	17.26	149	625858	40.58	ng	#	97
84) Di-n-octyl phthalate	18.02	149	898284	40.99	ng		99
85) Indeno(1,2,3-cd)pyrene	20.10	276	797180	49.00	ng		100
87) Benzo(b)fluoranthene	18.41	252	590047m	30.54	ng		
88) Benzo(k)fluoranthene	18.43	252	761538m	49.34	ng		
89) Benzo(a)pyrene	18.74	252	649477	39.75	ng	#	98
90) Dibenzo(a,h)anthracene	20.11	278	665659	42.92	ng		98
91) Benzo(g,h,i)perylene	20.47	276	660137	40.99	ng		98

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

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