Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
Data File : BF081931.D
Acq On : 1 Oct 2015 11:04
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
apatel
10/2/2015 9:01:02 AM

Quant Time: Oct 02 02:12:51 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	143492	20.00	ng		-0.03
21) Naphthalene-d8	8.18	136	527660	20.00	ng		-0.03
38) Acenaphthene-d10	9.94	164	273545	20.00	ng		-0.03
63) Phenanthrene-d10	11.43	188	534109	20.00	ng		-0.03
75) Chrysene-d12	14.07	240	474041	20.00	ng		-0.05
86) Perylene-d12	15.51	264	396283	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	536285	67.85	ng		-0.03
7) Phenol-d6	6.53	99	685468	68.92	ng		-0.03
23) Nitrobenzene-d5	7.47	82	642854	81.21	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	212968	76.87	ng		-0.03
44) 2-Fluorobiphenyl	9.26	172	1212453	71.99	ng		-0.05
78) Terphenyl-d14	13.01	244	1241245	84.41	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	132912	38.66	ng		87
3) Pyridine	3.25	79	350731	39.19	ng	#	84
4) n-Nitrosodimethylamine	3.21	42	141633	34.84	ng		90
6) Aniline	6.56	93	467205m	34.96	ng		
8) 2-Chlorophenol	6.69	128	320912	36.76	ng		96
9) Benzaldehyde	6.45	77	207912	31.92	ng	#	78
10) Phenol	6.54	94	364704	32.69	ng	#	63
11) bis(2-Chloroethyl)ether	6.64	93	342808	39.62	ng		93
12) 1,3-Dichlorobenzene	6.83	146	370128m	35.90	ng		
13) 1,4-Dichlorobenzene	6.91	146	390555m	36.28	ng		
14) 1,2-Dichlorobenzene	7.07	146	358481	37.37	ng		99
15) Benzyl Alcohol	7.04	79	234227	32.62	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.18	45	425972	34.82	ng		81
17) 2-Methylphenol	7.15	107	261000	36.88	ng	#	86
18) Hexachloroethane	7.41	117	125548	37.25	ng		92
19) n-Nitroso-di-n-propylamine	7.31	70	207687	34.36	ng	#	77
20) 3+4-Methylphenols	7.31	107	308666	34.53	ng	#	50
22) Acetophenone	7.31	105	411268	38.12	ng	#	80
24) Nitrobenzene	7.49	77	326915	38.03	ng	#	67
25) Isophorone	7.73	82	610661	38.92	ng	#	90
26) 2-Nitrophenol	7.81	139	182135	44.14	ng	#	81
27) 2,4-Dimethylphenol	7.84	122	293869	40.49	ng	#	82
28) bis(2-Chloroethoxy)methane	7.94	93	362735	38.93	ng	#	95
29) 2,4-Dichlorophenol	8.05	162	295296	41.96	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	314644	40.04	ng		98
31) Naphthalene	8.21	128	849101	36.32	ng		97
32) Benzoic acid	7.95	122	163910	39.32	ng	#	68
33) 4-Chloroaniline	8.26	127	401842	39.75	ng	#	96
34) Hexachlorobutadiene	8.32	225	186919	40.22	ng		98
35) Caprolactam	8.64	113	86007	44.14	ng		97
36) 4-Chloro-3-methylphenol	8.73	107	270456	39.30	ng	#	79
37) 2-Methylnaphthalene	8.90	142	609450	38.19	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	328262	39.09	ng		98
40) Hexachlorocyclopentadiene	9.05	237	169474	39.19	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	211473	36.73	ng		98
43) 2,4,5-Trichlorophenol	9.21	196	240584m	40.64	ng		
45) 1,1'-Biphenyl	9.36	154	744749	35.29	ng		94
46) 2-Chloronaphthalene	9.38	162	600212	36.22	ng	#	92
47) 2-Nitroaniline	9.49	65	188523	38.75	ng	#	79
48) Acenaphthylene	9.81	152	1007522	37.99	ng		97
49) Dimethylphthalate	9.67	163	756826	40.08	ng	#	98
50) 2,6-Dinitrotoluene	9.73	165	147999	36.10	ng	#	60
51) Acenaphthene	9.98	154	621831	39.48	ng		89
52) 3-Nitroaniline	9.90	138	183782	38.75	ng	#	65
53) 2,4-Dinitrophenol	10.00	184	69450	48.05	ng	#	57
54) Dibenzofuran	10.15	168	835670	37.55	ng		93
55) 4-Nitrophenol	10.06	139	125366	36.58	ng	#	74
56) 2,4-Dinitrotoluene	10.13	165	202504	38.75	ng	#	72
57) Fluorene	10.49	166	662896	41.48	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.26	232	202602	43.14	ng		91
59) Diethylphthalate	10.37	149	694930	39.40	ng		95
60) 4-Chlorophenyl-phenylether	10.48	204	311064	38.17	ng		90
61) 4-Nitroaniline	10.51	138	183983	38.69	ng	#	52
62) Azobenzene	10.64	77	670780	38.97	ng		93
64) 4,6-Dinitro-2-methylphenol	10.54	198	111233	46.29	ng		83
65) n-Nitrosodiphenylamine	10.61	169	617060	38.18	ng		92
66) 4-Bromophenyl-phenylether	10.97	248	216464	40.19	ng		93
67) Hexachlorobenzene	11.03	284	204637	33.67	ng	#	89
68) Atrazine	11.13	200	210639	42.01	ng		82
69) Pentachlorophenol	11.22	266	133983	38.69	ng		100
70) Phenanthrene	11.45	178	1019286	39.45	ng		96
71) Anthracene	11.50	178	1018129	37.50	ng		96
72) Carbazole	11.66	167	935946	38.09	ng		95
73) Di-n-butylphthalate	11.99	149	1115811	44.58	ng		99
74) Fluoranthene	12.64	202	1109417	38.77	ng		87
76) Benzidine	12.77	184	593451	41.55	ng		97
77) Pyrene	12.87	202	1116369	39.42	ng		96
79) Butylbenzylphthalate	13.49	149	503487	47.25	ng	#	92
80) Benzo(a)anthracene	14.06	228	958733	37.56	ng		96
81) 3,3'-Dichlorobenzidine	14.02	252	383927	44.53	ng	#	93
82) Chrysene	14.09	228	963952m	41.72	ng		
83) Bis(2-ethylhexyl)phthalate	14.04	149	596594	44.63	ng	#	91
84) Di-n-octyl phthalate	14.65	149	1071021	49.23	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.94	276	761002	38.11	ng	#	88
87) Benzo(b)fluoranthene	15.09	252	962378	42.54	ng	#	88
88) Benzo(k)fluoranthene	15.12	252	757361m	36.52	ng		
89) Benzo(a)pyrene	15.45	252	784240	39.96	ng	#	85
90) Dibenzo(a,h)anthracene	16.96	278	626983	38.08	ng	#	82
91) Benzo(g,h,i)perylene	17.37	276	600455	35.58	ng	#	78

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

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