Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089449.D
Acq On : 30 Jul 2016 13:13
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
sohil
8/1/2016 7:18:35 PM

Quant Time: Aug 01 04:05:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	51461	20.00	ng		-0.05
21) Naphthalene-d8	7.79	136	211534	20.00	ng		-0.03
38) Acenaphthene-d10	9.53	164	93508	20.00	ng		-0.05
63) Phenanthrene-d10	11.00	188	183299	20.00	ng		-0.05
75) Chrysene-d12	13.62	240	115222	20.00	ng		-0.05
86) Perylene-d12	14.95	264	86966	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	253819	78.75	ng		-0.05
7) Phenol-d6	6.17	99	332984	78.18	ng		-0.03
23) Nitrobenzene-d5	7.08	82	318669	88.92	ng		-0.03
41) 2,4,6-Tribromophenol	10.32	330	64546	83.34	ng		-0.05
44) 2-Fluorobiphenyl	8.87	172	530110	83.20	ng		-0.05
78) Terphenyl-d14	12.58	244	433699	88.10	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	1.90	88	57345	39.20	ng		99
3) Pyridine	2.49	79	136071	43.15	ng		99
4) n-Nitrosodimethylamine	2.47	42	55784	43.78	ng		98
6) Aniline	6.17	93	215414	46.84	ng		95
8) 2-Chlorophenol	6.28	128	142954	39.21	ng		88
9) Benzaldehyde	6.04	77	78381	37.69	ng		96
10) Phenol	6.18	94	202681	43.12	ng		87
11) bis(2-Chloroethyl)ether	6.25	93	147728	36.99	ng		92
12) 1,3-Dichlorobenzene	6.44	146	152884m	40.09	ng		
13) 1,4-Dichlorobenzene	6.52	146	161368	38.35	ng		94
14) 1,2-Dichlorobenzene	6.67	146	164629	41.76	ng		95
15) Benzyl Alcohol	6.66	79	111428	42.16	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.80	45	167457	38.44	ng		93
17) 2-Methylphenol	6.79	107	104250	37.00	ng		97
18) Hexachloroethane	7.02	117	62307	38.62	ng	#	78
19) n-Nitroso-di-n-propylamine	6.94	70	106211	41.35	ng	#	87
20) 3+4-Methylphenols	6.95	107	147068	40.64	ng		91
22) Acetophenone	6.94	105	218838	43.45	ng	#	96
24) Nitrobenzene	7.10	77	150736	36.96	ng	#	88
25) Isophorone	7.35	82	283461	39.27	ng		99
26) 2-Nitrophenol	7.42	139	77305	42.39	ng	#	89
27) 2,4-Dimethylphenol	7.47	122	125875	43.33	ng		99
28) bis(2-Chloroethoxy)methane	7.56	93	195765	48.99	ng		99
29) 2,4-Dichlorophenol	7.67	162	116752	44.10	ng		99
30) 1,2,4-Trichlorobenzene	7.74	180	126997	42.05	ng		96
31) Naphthalene	7.82	128	442691	42.26	ng		100
32) Benzoic acid	7.64	122	91952	45.42	ng		93
33) 4-Chloroaniline	7.87	127	179361	44.98	ng	#	90
34) Hexachlorobutadiene	7.94	225	68354	39.51	ng		97
35) Caprolactam	8.26	113	33614	42.07	ng		94
36) 4-Chloro-3-methylphenol	8.38	107	138609	44.06	ng		98
37) 2-Methylnaphthalene	8.50	142	268700	42.57	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	152869	46.72	ng		99
40) Hexachlorocyclopentadiene	8.66	237	34684	41.96	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	75687	48.65	ng		100
43) 2,4,5-Trichlorophenol	8.83	196	82941	42.09	ng	#	88
45) 1,1'-Biphenyl	8.97	154	365915	45.96	ng		97
46) 2-Chloronaphthalene	8.99	162	272383	45.56	ng		92
47) 2-Nitroaniline	9.10	65	89345	50.46	ng	#	78
48) Acenaphthylene	9.39	152	401666	42.65	ng		99
49) Dimethylphthalate	9.28	163	274020	38.50	ng		99
50) 2,6-Dinitrotoluene	9.35	165	63307	43.29	ng	#	77
51) Acenaphthene	9.56	154	223869	40.70	ng		100
52) 3-Nitroaniline	9.51	138	76973	49.88	ng	#	76
53) 2,4-Dinitrophenol	9.63	184	29106	53.00	ng		85
54) Dibenzofuran	9.74	168	314069	41.91	ng		97
55) 4-Nitrophenol	9.70	139	32025m	45.50	ng		
56) 2,4-Dinitrotoluene	9.75	165	85604	44.47	ng	#	74
57) Fluorene	10.08	166	276509	42.27	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	59887	45.52	ng		98
59) Diethylphthalate	9.98	149	323697	44.87	ng		97
60) 4-Chlorophenyl-phenylether	10.08	204	132488	44.15	ng		92
61) 4-Nitroaniline	10.12	138	71897	45.20	ng		92
62) Azobenzene	10.24	77	320980	43.20	ng		88
64) 4,6-Dinitro-2-methylphenol	10.16	198	43562	40.16	ng		87
65) n-Nitrosodiphenylamine	10.20	169	259297	45.34	ng		99
66) 4-Bromophenyl-phenylether	10.56	248	69800	39.88	ng	#	81
67) Hexachlorobenzene	10.63	284	78858	43.97	ng	#	74
68) Atrazine	10.73	200	66221	37.69	ng		96
69) Pentachlorophenol	10.82	266	34466	42.72	ng		98
70) Phenanthrene	11.03	178	379649	40.16	ng		100
71) Anthracene	11.08	178	424386	40.38	ng		100
72) Carbazole	11.24	167	374956	42.38	ng		99
73) Di-n-butylphthalate	11.59	149	489475	41.23	ng	#	98
74) Fluoranthene	12.20	202	404696	40.70	ng		98
76) Benzidine	12.34	184	272244	63.95	ng		96
77) Pyrene	12.43	202	412371	47.22	ng		100
79) Butylbenzylphthalate	13.06	149	172604	43.47	ng		89
80) Benzo(a)anthracene	13.61	228	271974	41.83	ng		99
81) 3,3'-Dichlorobenzidine	13.59	252	98937	42.28	ng	#	99
82) Chrysene	13.65	228	268856	38.84	ng		100
83) Bis(2-ethylhexyl)phthalate	13.63	149	247322	43.09	ng	#	95
84) Di-n-octyl phthalate	14.24	149	377964	42.20	ng		98
85) Indeno(1,2,3-cd)pyrene	16.14	276	203205	41.29	ng		98
87) Benzo(b)fluoranthene	14.61	252	199057m	36.86	ng		
88) Benzo(k)fluoranthene	14.63	252	218863m	44.08	ng		
89) Benzo(a)pyrene	14.90	252	205230	42.36	ng		96
90) Dibenzo(a,h)anthracene	16.14	278	176210	46.17	ng		98
91) Benzo(g,h,i)perylene	16.48	276	181893	48.48	ng		96

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

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