Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
Data File : BF089160.D
Acq On : 21 Jul 2016 5:19
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 21 07:41:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	47145	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	197808	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	97191	20.00	ng		0.00
63) Phenanthrene-d10	11.11	188	187125	20.00	ng		0.00
75) Chrysene-d12	13.73	240	133627	20.00	ng		0.00
86) Perylene-d12	15.06	264	101032	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	243371	78.51	ng		0.00
7) Phenol-d6	6.26	99	313871	78.52	ng		-0.01
23) Nitrobenzene-d5	7.18	82	294727	79.17	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	71208	81.38	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	567214	80.41	ng		0.00
78) Terphenyl-d14	12.69	244	469762	76.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	53503	39.75	ng		98
3) Pyridine	2.67	79	126354	36.95	ng		96
4) n-Nitrosodimethylamine	2.64	42	55831	38.79	ng		96
6) Aniline	6.26	93	205065	37.97	ng		95
8) 2-Chlorophenol	6.39	128	142062	41.30	ng		91
9) Benzaldehyde	6.15	77	81130	38.12	ng		99
10) Phenol	6.27	94	184627	40.09	ng	#	70
11) bis(2-Chloroethyl)ether	6.35	93	142204	41.11	ng		98
12) 1,3-Dichlorobenzene	6.54	146	146792	38.65	ng		97
13) 1,4-Dichlorobenzene	6.62	146	155800	40.73	ng		98
14) 1,2-Dichlorobenzene	6.78	146	140006	38.82	ng		98
15) Benzyl Alcohol	6.76	79	110040	37.59	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.89	45	152565	38.71	ng	#	72
17) 2-Methylphenol	6.88	107	102983	38.01	ng		98
18) Hexachloroethane	7.11	117	56744	39.46	ng		96
19) n-Nitroso-di-n-propylamine	7.03	70	98057	37.50	ng	#	88
20) 3+4-Methylphenols	7.04	107	143286	38.95	ng	#	87
22) Acetophenone	7.03	105	206526	39.10	ng	#	97
24) Nitrobenzene	7.20	77	152613	38.87	ng		99
25) Isophorone	7.44	82	267152	38.94	ng		98
26) 2-Nitrophenol	7.51	139	70687	38.60	ng		97
27) 2,4-Dimethylphenol	7.56	122	120617	39.09	ng		96
28) bis(2-Chloroethoxy)methane	7.66	93	178606	41.62	ng		100
29) 2,4-Dichlorophenol	7.76	162	112861	40.59	ng		96
30) 1,2,4-Trichlorobenzene	7.83	180	119950	38.97	ng	#	95
31) Naphthalene	7.91	128	411932	38.59	ng		100
32) Benzoic acid	7.71	122	84283	35.52	ng		93
33) 4-Chloroaniline	7.96	127	172535	38.43	ng	#	88
34) Hexachlorobutadiene	8.03	225	67417	39.35	ng		99
35) Caprolactam	8.35	113	34336	39.76	ng	#	85
36) 4-Chloro-3-methylphenol	8.47	107	134449	40.13	ng		93
37) 2-Methylnaphthalene	8.60	142	254308	37.35	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	136105	37.68	ng		98
40) Hexachlorocyclopentadiene	8.75	237	37729	36.35	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	73704	36.45	ng		99
43) 2,4,5-Trichlorophenol	8.92	196	79343	39.09	ng	#	83
45) 1,1'-Biphenyl	9.06	154	323359	36.94	ng		99
46) 2-Chloronaphthalene	9.08	162	258746	38.90	ng		98
47) 2-Nitroaniline	9.19	65	83686	36.68	ng		97
48) Acenaphthylene	9.50	152	426052	40.74	ng		99
49) Dimethylphthalate	9.37	163	279180	37.43	ng		98
50) 2,6-Dinitrotoluene	9.44	165	64725	38.44	ng		90
51) Acenaphthene	9.67	154	248277	40.14	ng		99
52) 3-Nitroaniline	9.60	138	72385	36.20	ng	#	71
53) 2,4-Dinitrophenol	9.71	184	22878	32.33	ng		91
54) Dibenzofuran	9.84	168	334554	40.03	ng		96
55) 4-Nitrophenol	9.79	139	40859	33.77	ng		94
56) 2,4-Dinitrotoluene	9.84	165	87091	40.15	ng	#	83
57) Fluorene	10.18	166	277548	39.12	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	61692	42.32	ng		96
59) Diethylphthalate	10.07	149	297166	40.18	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	116746	36.04	ng	#	69
61) 4-Nitroaniline	10.22	138	76500	39.32	ng		99
62) Azobenzene	10.33	77	307937	38.31	ng		97
64) 4,6-Dinitro-2-methylphenol	10.25	198	39661	36.41	ng		97
65) n-Nitrosodiphenylamine	10.30	169	243643	38.96	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	76855	41.50	ng	#	89
67) Hexachlorobenzene	10.72	284	71623	35.96	ng	#	60
68) Atrazine	10.83	200	78665	40.22	ng		95
69) Pentachlorophenol	10.92	266	32500	35.37	ng		100
70) Phenanthrene	11.13	178	417105	40.63	ng		100
71) Anthracene	11.18	178	395565	37.07	ng		99
72) Carbazole	11.35	167	367746	39.24	ng		98
73) Di-n-butylphthalate	11.68	149	456426	39.38	ng		100
74) Fluoranthene	12.31	202	438793	40.67	ng		96
76) Benzidine	12.45	184	155155	33.77	ng		99
77) Pyrene	12.54	202	442034	40.06	ng		98
79) Butylbenzylphthalate	13.17	149	200810	43.02	ng		89
80) Benzo(a)anthracene	13.71	228	331930	39.00	ng		100
81) 3,3'-Dichlorobenzidine	13.69	252	108812	38.54	ng	#	95
82) Chrysene	13.75	228	274576	33.78	ng		98
83) Bis(2-ethylhexyl)phthalate	13.73	149	249636	40.32	ng	#	98
84) Di-n-octyl phthalate	14.33	149	391752	38.34	ng		99
85) Indeno(1,2,3-cd)pyrene	16.30	276	223439	37.84	ng		99
87) Benzo(b)fluoranthene	14.71	252	264047m	36.08	ng		
88) Benzo(k)fluoranthene	14.73	252	231031m	44.15	ng		
89) Benzo(a)pyrene	15.02	252	230515	40.58	ng	#	96
90) Dibenzo(a,h)anthracene	16.31	278	192585	42.94	ng		98
91) Benzo(g,h,i)perylene	16.66	276	194356	42.98	ng		99

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

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