Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072916\
Data File : BF089413.D
Acq On : 29 Jul 2016 16:31
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 29 18:18:32 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	6.51	152	63438	20.00	ng		-0.03
21) Naphthalene-d8	7.80	136	263237	20.00	ng		-0.02
38) Acenaphthene-d10	9.55	164	119735	20.00	ng		-0.02
63) Phenanthrene-d10	11.02	188	231988	20.00	ng		-0.03
75) Chrysene-d12	13.65	240	149569	20.00	ng		-0.02
86) Perylene-d12	14.97	264	122969	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	324938	81.79	ng		-0.02
7) Phenol-d6	6.18	99	399906	76.17	ng		-0.02
23) Nitrobenzene-d5	7.10	82	360675	80.87	ng		-0.02
41) 2,4,6-Tribromophenol	10.34	330	85046	85.76	ng		-0.02
44) 2-Fluorobiphenyl	8.89	172	692838	84.92	ng		-0.02
78) Terphenyl-d14	12.61	244	572933	89.65	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.91	88	67651	37.35	ng		99
3) Pyridine	2.50	79	167215	43.02	ng		98
4) n-Nitrosodimethylamine	2.48	42	65981	42.32	ng		94
6) Aniline	6.18	93	236196	41.66	ng		94
8) 2-Chlorophenol	6.31	128	181207	40.32	ng		98
9) Benzaldehyde	6.06	77	101505	39.59	ng		94
10) Phenol	6.19	94	219434	37.87	ng		95
11) bis(2-Chloroethyl)ether	6.27	93	183578	37.29	ng		99
12) 1,3-Dichlorobenzene	6.46	146	183443	39.02	ng		95
13) 1,4-Dichlorobenzene	6.54	146	204964	39.51	ng		96
14) 1,2-Dichlorobenzene	6.68	146	171495m	35.29	ng		
15) Benzyl Alcohol	6.68	79	135413	41.56	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.81	45	207438	38.63	ng		88
17) 2-Methylphenol	6.81	107	132522	38.15	ng	#	92
18) Hexachloroethane	7.03	117	78749	39.59	ng	#	89
19) n-Nitroso-di-n-propylamine	6.96	70	129578	40.93	ng		95
20) 3+4-Methylphenols	6.97	107	181195	40.62	ng	#	82
22) Acetophenone	6.95	105	266795	42.57	ng	#	99
24) Nitrobenzene	7.12	77	204087	40.21	ng		99
25) Isophorone	7.36	82	346926	38.62	ng		99
26) 2-Nitrophenol	7.43	139	90950	40.08	ng	#	83
27) 2,4-Dimethylphenol	7.48	122	142021	39.29	ng		98
28) bis(2-Chloroethoxy)methane	7.58	93	204174	41.06	ng		99
29) 2,4-Dichlorophenol	7.68	162	141335	42.90	ng		100
30) 1,2,4-Trichlorobenzene	7.75	180	147616	39.28	ng	#	95
31) Naphthalene	7.83	128	520764	39.95	ng		100
32) Benzoic acid	7.67	122	109544	43.49	ng		99
33) 4-Chloroaniline	7.90	127	196645	39.63	ng		98
34) Hexachlorobutadiene	7.95	225	83199	38.65	ng		98
35) Caprolactam	8.28	113	43501	43.75	ng		92
36) 4-Chloro-3-methylphenol	8.39	107	157784	40.30	ng		98
37) 2-Methylnaphthalene	8.51	142	294329	37.47	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	170982	40.81	ng		100
40) Hexachlorocyclopentadiene	8.67	237	44011	41.66	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072916\
Data File : BF089413.D
Acq On : 29 Jul 2016 16:31
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 29 18:18:32 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)
42) 2,4,6-Trichlorophenol	8.81	196	88687	44.52	ng		96
43) 2,4,5-Trichlorophenol	8.84	196	97255	38.54	ng	#	81
45) 1,1'-Biphenyl	8.98	154	398401	39.08	ng		98
46) 2-Chloronaphthalene	9.00	162	322336	42.10	ng		97
47) 2-Nitroaniline	9.11	65	94716	41.77	ng	#	76
48) Acenaphthylene	9.42	152	493114	40.89	ng		100
49) Dimethylphthalate	9.30	163	382420	41.97	ng		100
50) 2,6-Dinitrotoluene	9.36	165	84484	45.12	ng		99
51) Acenaphthene	9.59	154	290087	41.19	ng		99
52) 3-Nitroaniline	9.53	138	85366	43.20	ng		100
53) 2,4-Dinitrophenol	9.64	184	25918	41.39	ng		85
54) Dibenzofuran	9.76	168	377680	39.36	ng		95
55) 4-Nitrophenol	9.71	139	40710m	45.22	ng		
56) 2,4-Dinitrotoluene	9.76	165	102926	41.76	ng		91
57) Fluorene	10.09	166	312774	37.34	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.88	232	75195	44.63	ng		98
59) Diethylphthalate	9.99	149	352740	38.18	ng		99
60) 4-Chlorophenyl-phenylether	10.09	204	148389	38.62	ng	#	80
61) 4-Nitroaniline	10.14	138	82182	40.35	ng		99
62) Azobenzene	10.25	77	385403	40.51	ng		94
64) 4,6-Dinitro-2-methylphenol	10.17	198	53903	39.36	ng		92
65) n-Nitrosodiphenylamine	10.22	169	288617	39.87	ng		99
66) 4-Bromophenyl-phenylether	10.58	248	87319	39.42	ng	#	90
67) Hexachlorobenzene	10.64	284	91196	40.18	ng	#	89
68) Atrazine	10.75	200	99967	44.95	ng		99
69) Pentachlorophenol	10.83	266	43522	42.64	ng		99
70) Phenanthrene	11.05	178	459554	38.41	ng		98
71) Anthracene	11.10	178	509207	38.28	ng		100
72) Carbazole	11.26	167	429729	38.38	ng		98
73) Di-n-butylphthalate	11.60	149	568782	37.86	ng		99
74) Fluoranthene	12.22	202	476395	37.85	ng		93
76) Benzidine	12.35	184	247654	44.81	ng		96
77) Pyrene	12.45	202	483443	42.65	ng		100
79) Butylbenzylphthalate	13.09	149	238017	46.18	ng	#	82
80) Benzo(a)anthracene	13.63	228	350699	41.55	ng		99
81) 3,3'-Dichlorobenzidine	13.60	252	128258	42.23	ng	#	95
82) Chrysene	13.67	228	375050	41.74	ng		99
83) Bis(2-ethylhexyl)phthalate	13.65	149	324849	43.60	ng	#	97
84) Di-n-octyl phthalate	14.25	149	499377	42.96	ng		99
85) Indeno(1,2,3-cd)pyrene	16.16	276	280901	43.97	ng		99
87) Benzo(b)fluoranthene	14.63	252	342303m	44.82	ng		
88) Benzo(k)fluoranthene	14.65	252	244529m	34.83	ng		
89) Benzo(a)pyrene	14.93	252	270960	39.55	ng	#	93
90) Dibenzo(a,h)anthracene	16.17	278	231107	42.83	ng	#	94
91) Benzo(g,h,i)perylene	16.50	276	236607	44.60	ng		99

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072916\
Data File : BF089413.D
Acq On : 29 Jul 2016 16:31
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 29 18:18:32 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