Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
Data File : BF083705.D
Acq On : 11 Dec 2015 18:33
Operator : UM/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF121115

Manual Integrations APPROVED
MMdadoda
12/14/2015 6:22:29 PM

Quant Time: Dec 11 22:38:26 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 11 19:24:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	126798	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	513043	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	229566	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	438097	20.00	ng		0.00
75) Chrysene-d12	14.08	240	288982	20.00	ng		0.00
86) Perylene-d12	15.51	264	225880	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	663783	80.62	ng		-0.01
7) Phenol-d6	6.54	99	790075	77.70	ng		0.00
23) Nitrobenzene-d5	7.48	82	680845	90.00	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	212428	95.60	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	1226497	78.69	ng		0.00
78) Terphenyl-d14	13.03	244	1138349	88.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	160729	39.92	ng	#	86
3) Pyridine	3.30	79	432142	41.31	ng		89
4) n-Nitrosodimethylamine	3.24	42	168275	39.56	ng	#	68
6) Aniline	6.58	93	560287	40.25	ng		88
8) 2-Chlorophenol	6.70	128	358694	39.87	ng		95
9) Benzaldehyde	6.46	77	230059	41.08	ng		97
10) Phenol	6.56	94	435307	36.85	ng		78
11) bis(2-Chloroethyl)ether	6.66	93	370739	42.99	ng		91
12) 1,3-Dichlorobenzene	6.86	146	394220	39.70	ng		97
13) 1,4-Dichlorobenzene	6.94	146	422777	42.15	ng		97
14) 1,2-Dichlorobenzene	7.09	146	360381	39.07	ng		96
15) Benzyl Alcohol	7.06	79	281115	39.36	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	465267	38.97	ng		67
17) 2-Methylphenol	7.17	107	293805	40.45	ng	#	86
18) Hexachloroethane	7.45	117	143610	42.30	ng		96
19) n-Nitroso-di-n-propylamine	7.34	70	247503	41.77	ng	#	83
20) 3+4-Methylphenols	7.32	107	370818	41.48	ng	#	83
22) Acetophenone	7.33	105	485527	39.58	ng	#	99
24) Nitrobenzene	7.50	77	391385	46.24	ng	#	90
25) Isophorone	7.74	82	672991	39.80	ng		97
26) 2-Nitrophenol	7.82	139	177761	51.00	ng	#	81
27) 2,4-Dimethylphenol	7.86	122	340345	40.14	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	410050	42.41	ng	#	96
29) 2,4-Dichlorophenol	8.06	162	304899	43.49	ng		97
30) 1,2,4-Trichlorobenzene	8.16	180	333859	42.96	ng		98
31) Naphthalene	8.24	128	1072636	42.35	ng		98
32) Benzoic acid	7.96	122	225651m	46.91	ng		
33) 4-Chloroaniline	8.27	127	402707	38.22	ng		96
34) Hexachlorobutadiene	8.36	225	180505	41.79	ng		97
35) Caprolactam	8.64	113	96748	42.93	ng	#	73
36) 4-Chloro-3-methylphenol	8.75	107	315948	41.17	ng		92
37) 2-Methylnaphthalene	8.92	142	625921	39.17	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	313140	43.73	ng	#	100
40) Hexachlorocyclopentadiene	9.08	237	151403	44.68	ng		99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
Data File : BF083705.D
Acq On : 11 Dec 2015 18:33
Operator : UM/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF121115

Manual Integrations APPROVED
MMdadoda
12/14/2015 6:22:29 PM

Quant Time: Dec 11 22:38:26 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 11 19:24:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	218999	44.62	ng		99
43) 2,4,5-Trichlorophenol	9.23	196	186066	39.29	ng	#	94
45) 1,1'-Biphenyl	9.39	154	864701	43.19	ng		96
46) 2-Chloronaphthalene	9.41	162	655150	43.41	ng		97
47) 2-Nitroaniline	9.49	65	156489	42.27	ng		91
48) Acenaphthylene	9.82	152	1005367	40.43	ng		99
49) Dimethylphthalate	9.69	163	753208	42.64	ng		99
50) 2,6-Dinitrotoluene	9.74	165	161187	47.00	ng	#	62
51) Acenaphthene	10.00	154	588450	39.97	ng		99
52) 3-Nitroaniline	9.90	138	170629	44.36	ng		81
53) 2,4-Dinitrophenol	10.01	184	55203	52.04	ng	#	17
54) Dibenzofuran	10.17	168	804453	41.03	ng		92
55) 4-Nitrophenol	10.05	139	149729	45.80	ng		86
56) 2,4-Dinitrotoluene	10.14	165	208172	47.73	ng	#	52
57) Fluorene	10.51	166	651454	41.87	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	159212	45.40	ng	#	100
59) Diethylphthalate	10.38	149	683260	41.28	ng		99
60) 4-Chlorophenyl-phenylether	10.50	204	291424	39.25	ng	#	87
61) 4-Nitroaniline	10.51	138	141839	39.78	ng		93
62) Azobenzene	10.66	77	599434	38.04	ng		98
64) 4,6-Dinitro-2-methylphenol	10.54	198	82951	45.47	ng		85
65) n-Nitrosodiphenylamine	10.61	169	562901	38.71	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	192313	41.07	ng	#	91
67) Hexachlorobenzene	11.06	284	207939	40.77	ng		96
68) Atrazine	11.14	200	160471	38.69	ng		97
69) Pentachlorophenol	11.24	266	125304	44.02	ng		99
70) Phenanthrene	11.47	178	1019480	42.63	ng		99
71) Anthracene	11.52	178	932364	37.76	ng		99
72) Carbazole	11.66	167	847124	37.38	ng	#	96
73) Di-n-butylphthalate	12.01	149	1012564	41.00	ng		100
74) Fluoranthene	12.65	202	967447	38.66	ng		96
76) Benzidine	12.76	184	493573	44.30	ng		96
77) Pyrene	12.88	202	985290	43.24	ng		99
79) Butylbenzylphthalate	13.51	149	342798	46.93	ng	#	76
80) Benzo(a)anthracene	14.07	228	741744	43.81	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	229532	42.66	ng		97
82) Chrysene	14.10	228	745810	45.81	ng		99
83) Bis(2-ethylhexyl)phthalate	14.07	149	347208	43.94	ng		98
84) Di-n-octyl phthalate	14.67	149	496846	41.61	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.95	276	695047	39.72	ng	#	100
87) Benzo(b)fluoranthene	15.09	252	557333	39.70	ng		98
88) Benzo(k)fluoranthene	15.12	252	561143m	41.92	ng		
89) Benzo(a)pyrene	15.45	252	531682	41.65	ng		100
90) Dibenzo(a,h)anthracene	16.96	278	576349	45.57	ng	#	95
91) Benzo(g,h,i)perylene	17.37	276	609130	45.68	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
Data File : BF083705.D
Acq On : 11 Dec 2015 18:33
Operator : UM/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 11 22:38:26 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 11 19:24:37 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF121115

Manual Integrations APPROVED
MMdadoda
12/14/2015 6:22:29 PM