Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087224.D
Acq On : 20 May 2016 10:57
Operator : UM/SJ
Sample : PB90419BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90419BS

Manual Integrations APPROVED
sohil
5/20/2016 7:14:33 PM

Quant Time: May 20 14:50:58 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	130076	20.00	ng		-0.03
21) Naphthalene-d8	7.86	136	531873	20.00	ng		-0.03
38) Acenaphthene-d10	9.60	164	231665	20.00	ng		-0.05
63) Phenanthrene-d10	11.08	188	391649	20.00	ng		-0.03
75) Chrysene-d12	13.70	240	228086	20.00	ng		-0.06
86) Perylene-d12	15.06	264	248761	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	896966	115.91	ng		-0.03
7) Phenol-d6	6.25	99	1236425	119.13	ng		-0.03
23) Nitrobenzene-d5	7.15	82	855422	80.16	ng		-0.03
41) 2,4,6-Tribromophenol	10.40	330	298634	116.65	ng		-0.05
44) 2-Fluorobiphenyl	8.94	172	1193030	85.29	ng		-0.05
78) Terphenyl-d14	12.66	244	953005	94.52	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	126542	31.79	ng	#	67
3) Pyridine	2.72	79	326035	33.86	ng	#	67
4) n-Nitrosodimethylamine	2.67	42	267645	39.22	ng	#	48
6) Aniline	6.24	93	278821	21.15	ng	#	86
8) 2-Chlorophenol	6.36	128	353153	37.51	ng		98
9) Benzaldehyde	6.11	77	92850	13.75	ng		91
10) Phenol	6.26	94	478798	36.70	ng		90
11) bis(2-Chloroethyl)ether	6.32	93	376169	38.40	ng		92
12) 1,3-Dichlorobenzene	6.50	146	366228m	36.59	ng		
13) 1,4-Dichlorobenzene	6.58	146	375144m	36.63	ng		
14) 1,2-Dichlorobenzene	6.74	146	332710	37.11	ng		97
15) Benzyl Alcohol	6.74	79	347409	44.96	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.86	45	706797	35.09	ng		87
17) 2-Methylphenol	6.87	107	293504	37.96	ng	#	81
18) Hexachloroethane	7.07	117	143975	36.78	ng		95
19) n-Nitroso-di-n-propylamine	7.00	70	300276	38.06	ng	#	69
20) 3+4-Methylphenols	7.03	107	401648	39.38	ng	#	59
22) Acetophenone	6.99	105	514222	39.51	ng	#	98
24) Nitrobenzene	7.16	77	422880	36.29	ng		96
25) Isophorone	7.40	82	745602	38.17	ng		98
26) 2-Nitrophenol	7.48	139	193855	40.16	ng	#	84
27) 2,4-Dimethylphenol	7.54	122	318825	38.70	ng	#	85
28) bis(2-Chloroethoxy)methane	7.62	93	426097	39.73	ng	#	98
29) 2,4-Dichlorophenol	7.74	162	310835	42.82	ng		98
30) 1,2,4-Trichlorobenzene	7.80	180	324158	40.24	ng		98
31) Naphthalene	7.87	128	1000190	38.49	ng		99
32) Benzoic acid	7.71	122	173701	35.38	ng	#	78
33) 4-Chloroaniline	7.95	127	151434	14.02	ng		96
34) Hexachlorobutadiene	8.00	225	188943	41.33	ng		99
35) Caprolactam	8.33	113	93874m	38.84	ng		
36) 4-Chloro-3-methylphenol	8.46	107	343295	39.21	ng		90
37) 2-Methylnaphthalene	8.57	142	682890	41.08	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	281658	41.63	ng		99
40) Hexachlorocyclopentadiene	8.72	237	84589	37.05	ng		93

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087224.D
Acq On : 20 May 2016 10:57
Operator : UM/SJ
Sample : PB90419BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90419BS

Manual Integrations APPROVED
sohil
5/20/2016 7:14:33 PM

Quant Time: May 20 14:50:58 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	184266	41.99	ng		91
43) 2,4,5-Trichlorophenol	8.91	196	192655	42.26	ng	#	90
45) 1,1'-Biphenyl	9.04	154	837254	43.59	ng		99
46) 2-Chloronaphthalene	9.06	162	601219	40.77	ng		97
47) 2-Nitroaniline	9.18	65	235300	41.64	ng		98
48) Acenaphthylene	9.46	152	867570	38.53	ng		99
49) Dimethylphthalate	9.35	163	731354	41.38	ng		100
50) 2,6-Dinitrotoluene	9.42	165	171601	44.72	ng		98
51) Acenaphthene	9.63	154	533272	37.91	ng		99
52) 3-Nitroaniline	9.59	138	103600	24.94	ng		97
53) 2,4-Dinitrophenol	9.70	184	101776	48.29	ng	#	81
54) Dibenzofuran	9.82	168	811852	44.63	ng		98
55) 4-Nitrophenol	9.78	139	135120m	55.79	ng		
56) 2,4-Dinitrotoluene	9.82	165	189798	38.62	ng	#	57
57) Fluorene	10.15	166	574353	39.30	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	149389	42.08	ng		96
59) Diethylphthalate	10.04	149	744372	44.12	ng		98
60) 4-Chlorophenyl-phenylether	10.15	204	296334	42.77	ng		94
61) 4-Nitroaniline	10.20	138	137137	33.44	ng	#	82
62) Azobenzene	10.31	77	877879	45.16	ng		88
64) 4,6-Dinitro-2-methylphenol	10.23	198	75699	29.35	ng	#	33
65) n-Nitrosodiphenylamine	10.27	169	572626	46.46	ng		99
66) 4-Bromophenyl-phenylether	10.63	248	171509	42.58	ng	#	85
67) Hexachlorobenzene	10.70	284	201987	43.26	ng	#	86
68) Atrazine	10.81	200	199242	49.56	ng		94
69) Pentachlorophenol	10.90	266	141519	80.68	ng		98
70) Phenanthrene	11.11	178	911908	42.93	ng		100
71) Anthracene	11.15	178	845202	39.34	ng		100
72) Carbazole	11.32	167	787590	40.13	ng		99
73) Di-n-butylphthalate	11.66	149	1072157	47.56	ng	#	99
74) Fluoranthene	12.28	202	753176	35.39	ng		96
76) Benzidine	12.42	184	318183	60.58	ng		96
77) Pyrene	12.51	202	756956	45.94	ng		99
79) Butylbenzylphthalate	13.14	149	366243	52.65	ng	#	87
80) Benzo(a)anthracene	13.70	228	563426	42.72	ng		99
81) 3,3'-Dichlorobenzidine	13.67	252	174772	20.83	ng	#	96
82) Chrysene	13.74	228	583235	45.71	ng		99
83) Bis(2-ethylhexyl)phthalate	13.70	149	458087	54.11	ng		97
84) Di-n-octyl phthalate	14.31	149	743969	51.01	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.30	276	510662	45.60	ng		95
87) Benzo(b)fluoranthene	14.70	252	572378m	34.68	ng		
88) Benzo(k)fluoranthene	14.72	252	559099m	45.51	ng		
89) Benzo(a)pyrene	15.01	252	540755	39.20	ng		97
90) Dibenzo(a,h)anthracene	16.30	278	438418	37.75	ng	#	93
91) Benzo(g,h,i)perylene	16.65	276	421268	35.91	ng		94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087224.D
Acq On : 20 May 2016 10:57
Operator : UM/SJ
Sample : PB90419BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: May 20 14:50:58 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB90419BS

Manual Integrations APPROVED
sohil
5/20/2016 7:14:33 PM