Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087152.D
Acq On : 18 May 2016 19:18
Operator : UM/SJ
Sample : H3137-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BERKSHIRE-HOMESMSD

Manual Integrations APPROVED
sohil
5/19/2016 7:06:08 PM

Quant Time: May 19 04:17:40 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	6.58	152	140505	20.00	ng		-0.02
21) Naphthalene-d8	7.87	136	577417	20.00	ng		-0.02
38) Acenaphthene-d10	9.61	164	276507	20.00	ng		-0.03
63) Phenanthrene-d10	11.10	188	525120	20.00	ng		-0.02
75) Chrysene-d12	13.71	240	352640	20.00	ng		-0.05
86) Perylene-d12	15.07	264	344788	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	1047910	125.36	ng		-0.02
7) Phenol-d6	6.25	99	1392909	124.24	ng		-0.03
23) Nitrobenzene-d5	7.15	82	970329	83.75	ng		-0.03
41) 2,4,6-Tribromophenol	10.41	330	384379	125.80	ng		-0.03
44) 2-Fluorobiphenyl	8.95	172	1256399	75.25	ng		-0.03
78) Terphenyl-d14	12.67	244	1236094	79.29	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	139602	32.46	ng	#	67
3) Pyridine	2.73	79	84808	8.15	ng	#	60
4) n-Nitrosodimethylamine	2.65	42	304666	41.33	ng	#	52
6) Aniline	6.25	93	332499	23.35	ng	#	78
8) 2-Chlorophenol	6.38	128	416295	40.93	ng		98
9) Benzaldehyde	6.12	77	130584	18.55	ng		99
10) Phenol	6.27	94	454124	32.22	ng		95
11) bis(2-Chloroethyl)ether	6.33	93	451751	42.69	ng		91
12) 1,3-Dichlorobenzene	6.51	146	409015m	37.83	ng		
13) 1,4-Dichlorobenzene	6.59	146	424400m	38.37	ng		
14) 1,2-Dichlorobenzene	6.75	146	375877	38.81	ng		97
15) Benzyl Alcohol	6.74	79	379589	45.48	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	6.88	45	822814	37.82	ng		71
17) 2-Methylphenol	6.88	107	324608	38.86	ng	#	79
18) Hexachloroethane	7.08	117	164823	38.98	ng		98
19) n-Nitroso-di-n-propylamine	7.02	70	348391	40.88	ng	#	71
20) 3+4-Methylphenols	7.03	107	453483	41.16	ng	#	61
22) Acetophenone	7.00	105	591786	41.88	ng	#	99
24) Nitrobenzene	7.18	77	475269	37.57	ng		97
25) Isophorone	7.42	82	849691	40.06	ng		99
26) 2-Nitrophenol	7.50	139	230125	43.91	ng	#	88
27) 2,4-Dimethylphenol	7.55	122	384653	43.01	ng		89
28) bis(2-Chloroethoxy)methane	7.63	93	480425	41.26	ng	#	98
29) 2,4-Dichlorophenol	7.75	162	342789	43.50	ng		98
30) 1,2,4-Trichlorobenzene	7.82	180	373152	42.67	ng		98
31) Naphthalene	7.88	128	1150135	40.77	ng		99
32) Benzoic acid	7.70	122	121859	22.86	ng	#	81
33) 4-Chloroaniline	7.95	127	301663	25.73	ng	#	90
34) Hexachlorobutadiene	8.01	225	204388	41.19	ng		99
35) Caprolactam	8.34	113	105293m	40.13	ng		
36) 4-Chloro-3-methylphenol	8.47	107	389623	40.99	ng		97
37) 2-Methylnaphthalene	8.58	142	754020	41.78	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	327499	40.55	ng		99
40) Hexachlorocyclopentadiene	8.73	237	222578	72.22	ng		96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087152.D
Acq On : 18 May 2016 19:18
Operator : UM/SJ
Sample : H3137-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMSD

Manual Integrations APPROVED
sohil
5/19/2016 7:06:08 PM

Quant Time: May 19 04:17:40 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	8.88	196	211401	40.36	ng		91
43) 2,4,5-Trichlorophenol	8.92	196	221186	40.65	ng		94
45) 1,1'-Biphenyl	9.05	154	981615	42.81	ng		99
46) 2-Chloronaphthalene	9.07	162	720675	40.94	ng		99
47) 2-Nitroaniline	9.18	65	273257	40.51	ng	#	72
48) Acenaphthylene	9.48	152	1089116	40.52	ng		99
49) Dimethylphthalate	9.36	163	1035647	49.10	ng		99
50) 2,6-Dinitrotoluene	9.43	165	207787	45.37	ng		91
51) Acenaphthene	9.64	154	654848	39.00	ng		98
52) 3-Nitroaniline	9.60	138	156346	31.53	ng		94
53) 2,4-Dinitrophenol	9.71	184	175618	67.69	ng		87
54) Dibenzofuran	9.83	168	983395	45.29	ng		100
55) 4-Nitrophenol	9.79	139	234664m	70.06	ng		
56) 2,4-Dinitrotoluene	9.83	165	220619	37.61	ng	#	67
57) Fluorene	10.16	166	697901	40.00	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.95	232	199906	47.17	ng		98
59) Diethylphthalate	10.06	149	822264	40.83	ng		98
60) 4-Chlorophenyl-phenylether	10.16	204	336146	40.65	ng		95
61) 4-Nitroaniline	10.22	138	200044	40.86	ng		86
62) Azobenzene	10.32	77	1010207	43.54	ng		88
64) 4,6-Dinitro-2-methylphenol	10.24	198	135315	39.13	ng	#	59
65) n-Nitrosodiphenylamine	10.28	169	678406	41.05	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	208979	38.70	ng	#	90
67) Hexachlorobenzene	10.71	284	248919	39.76	ng	#	83
68) Atrazine	10.82	200	243635	45.19	ng		96
69) Pentachlorophenol	10.91	266	217927	92.66	ng		98
70) Phenanthrene	11.12	178	1174370	41.23	ng		100
71) Anthracene	11.16	178	1103065	38.29	ng		100
72) Carbazole	11.34	167	1158069	44.01	ng		99
73) Di-n-butylphthalate	11.67	149	1265855	41.88	ng	#	99
74) Fluoranthene	12.30	202	1104649	38.71	ng		97
76) Benzidine	12.43	184	30594	3.25	ng		97
77) Pyrene	12.52	202	1211484	47.56	ng		100
79) Butylbenzylphthalate	13.15	149	550968	51.23	ng	#	82
80) Benzo(a)anthracene	13.70	228	856666	42.01	ng		99
81) 3,3'-Dichlorobenzidine	13.68	252	230417	17.76	ng	#	97
82) Chrysene	13.75	228	933532	47.32	ng		100
83) Bis(2-ethylhexyl)phthalate	13.71	149	667870	51.03	ng		98
84) Di-n-octyl phthalate	14.32	149	1089965	48.34	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.31	276	837167	48.35	ng		95
87) Benzo(b)fluoranthene	14.71	252	834166m	36.47	ng		
88) Benzo(k)fluoranthene	14.73	252	703888m	41.34	ng		
89) Benzo(a)pyrene	15.02	252	744787	38.95	ng		98
90) Dibenzo(a,h)anthracene	16.31	278	699754	43.47	ng		98
91) Benzo(g,h,i)perylene	16.67	276	715317	44.00	ng	#	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087152.D
Acq On : 18 May 2016 19:18
Operator : UM/SJ
Sample : H3137-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 19 04:17:40 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 :
BERKSHIRE-HOMESMSD

Manual Integrations APPROVED
sohil
5/19/2016 7:06:08 PM