Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061616\
Data File : BF088074.D
Acq On : 16 Jun 2016 14:27
Operator : UM/SJ
Sample : H3510-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-52-060916MS

Manual Integrations APPROVED
sohil
6/17/2016 7:15:33 PM

Quant Time: Jun 16 16:16:19 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 16 14:54:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	97995	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	400062	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	188275	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	369769	20.00	ng		0.00
75) Chrysene-d12	13.87	240	242791	20.00	ng		0.01
86) Perylene-d12	15.25	264	28328	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	704033	122.82	ng		0.03
7) Phenol-d6	6.38	99	794683	114.39	ng		0.01
23) Nitrobenzene-d5	7.29	82	549738	80.24	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	226384	113.88	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1012765	84.47	ng		0.00
78) Terphenyl-d14	12.82	244	952805	89.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	100080	35.93	ng	#	87
3) Pyridine	3.11	79	153888m	23.40	ng		
4) n-Nitrosodimethylamine	3.00	42	107005	38.42	ng		80
8) 2-Chlorophenol	6.51	128	289380	42.65	ng		84
9) Benzaldehyde	6.27	77	14734	2.95	ng		97
10) Phenol	6.39	94	324220	45.21	ng		98
11) bis(2-Chloroethyl)ether	6.47	93	279403	45.87	ng		86
12) 1,3-Dichlorobenzene	6.66	146	304764m	41.87	ng		
13) 1,4-Dichlorobenzene	6.74	146	303048	41.33	ng		94
14) 1,2-Dichlorobenzene	6.89	146	294570m	44.17	ng		
15) Benzyl Alcohol	6.87	79	63198	11.63	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.00	45	326323	39.65	ng		82
17) 2-Methylphenol	6.99	107	227515	41.35	ng		99
18) Hexachloroethane	7.23	117	110373	42.42	ng		96
19) n-Nitroso-di-n-propylamine	7.14	70	183226	41.23	ng		88
20) 3+4-Methylphenols	7.14	107	268033	41.75	ng	#	75
22) Acetophenone	7.14	105	387750	43.37	ng	#	95
24) Nitrobenzene	7.31	77	302848	45.63	ng		93
25) Isophorone	7.55	82	550862	43.41	ng		97
26) 2-Nitrophenol	7.62	139	153126	43.07	ng		90
27) 2,4-Dimethylphenol	7.68	122	265585	40.58	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	212717	27.03	ng		97
29) 2,4-Dichlorophenol	7.87	162	260436	47.66	ng		96
30) 1,2,4-Trichlorobenzene	7.95	180	256139	43.04	ng		98
31) Naphthalene	8.02	128	871244	44.01	ng		99
32) Benzoic acid	7.82	122	183050	50.79	ng		95
33) 4-Chloroaniline	8.02	127	113832	12.88	ng	#	32
34) Hexachlorobutadiene	8.15	225	129590	41.29	ng		100
35) Caprolactam	8.47	113	83296m	46.02	ng		
36) 4-Chloro-3-methylphenol	8.58	107	270144	46.22	ng		89
37) 2-Methylnaphthalene	8.72	142	564616	43.27	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	239049	51.14	ng	#	1
40) Hexachlorocyclopentadiene	8.87	237	144681	47.64	ng		99
42) 2,4,6-Trichlorophenol	9.00	196	177342	47.10	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061616\
Data File : BF088074.D
Acq On : 16 Jun 2016 14:27
Operator : UM/SJ
Sample : H3510-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-52-060916MS

Manual Integrations APPROVED
sohil
6/17/2016 7:15:33 PM

Quant Time: Jun 16 16:16:19 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 16 14:54:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	160481	40.97	ng	#	88
45) 1,1'-Biphenyl	9.19	154	730094	52.73	ng		97
46) 2-Chloronaphthalene	9.21	162	552240	45.33	ng		94
47) 2-Nitroaniline	9.30	65	80836	22.49	ng		98
48) Acenaphthylene	9.62	152	739198	38.14	ng		99
49) Dimethylphthalate	9.50	163	697981	51.18	ng		99
50) 2,6-Dinitrotoluene	9.55	165	159514	51.07	ng	#	83
51) Acenaphthene	9.79	154	518817	42.91	ng		100
53) 2,4-Dinitrophenol	9.83	184	131465	77.44	ng		97
54) Dibenzofuran	9.96	168	747677	44.91	ng		91
55) 4-Nitrophenol	9.90	139	190141	67.97	ng		88
56) 2,4-Dinitrotoluene	9.95	165	176060	43.86	ng	#	54
57) Fluorene	10.31	166	617078	56.03	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	129344	42.02	ng	#	51
59) Diethylphthalate	10.19	149	683663	49.52	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	230852	41.69	ng		96
61) 4-Nitroaniline	10.33	138	45620	13.34	ng		90
62) Azobenzene	10.46	77	562680	41.22	ng		97
64) 4,6-Dinitro-2-methylphenol	10.36	198	109252m	47.36	ng		
65) n-Nitrosodiphenylamine	10.42	169	111920	9.12	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	172471	43.48	ng		96
67) Hexachlorobenzene	10.84	284	175851	42.66	ng		91
69) Pentachlorophenol	11.05	266	188093	86.57	ng		98
70) Phenanthrene	11.27	178	887724	45.75	ng		99
71) Anthracene	11.31	178	841974	43.02	ng		100
72) Carbazole	11.46	167	102852	5.62	ng		99
73) Di-n-butylphthalate	11.80	149	964331	41.59	ng		100
74) Fluoranthene	12.44	202	860889	42.04	ng		100
77) Pyrene	12.67	202	777363	43.15	ng		100
79) Butylbenzylphthalate	13.29	149	371877	46.69	ng	#	83
80) Benzo(a)anthracene	13.85	228	606641	43.85	ng		99
82) Chrysene	13.90	228	719515	55.28	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	486397	50.16	ng		98
84) Di-n-octyl phthalate	14.47	149	1018041	64.61	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.57	276	356895	29.51	ng	#	100
87) Benzo(b)fluoranthene	14.87	252	647100m	327.74	ng		
88) Benzo(k)fluoranthene	14.89	252	504095m	338.45	ng		
89) Benzo(a)pyrene	15.20	252	345822	216.49	ng	#	95
90) Dibenzo(a,h)anthracene	16.58	278	449596	303.03	ng		98
91) Benzo(g,h,i)perylene	16.96	276	288946	189.33	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061616\
Data File : BF088074.D
Acq On : 16 Jun 2016 14:27
Operator : UM/SJ
Sample : H3510-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 16 16:16:19 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 16 14:54:54 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

Manual Integrations APPROVED
sohil
6/17/2016 7:15:33 PM