Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090216\
Data File : BF089980.D
Acq On : 2 Sep 2016 17:40
Operator : UM/SJ
Sample : H4675-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-2MSD

Manual Integrations APPROVED
sohil
9/5/2016 6:42:39 AM

Quant Time: Sep 02 18:54:09 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	186705	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	734350	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	342903	20.00	ng		0.00
63) Phenanthrene-d10	11.14	188	593723	20.00	ng		0.00
75) Chrysene-d12	13.76	240	419302	20.00	ng		0.00
86) Perylene-d12	15.10	264	441605	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1385717	118.80	ng		0.01
7) Phenol-d6	6.28	99	1799224	126.94	ng		0.00
23) Nitrobenzene-d5	7.21	82	1065440	84.14	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	391462	115.71	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	1842655	88.21	ng		0.00
78) Terphenyl-d14	12.72	244	1323264	77.96	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	185618	33.59	ng		100
3) Pyridine	2.79	79	261597	17.74	ng		99
4) n-Nitrosodimethylamine	2.73	42	299081	41.13	ng		99
6) Aniline	6.30	93	522282	27.01	ng	#	78
8) 2-Chlorophenol	6.42	128	496838	39.26	ng		91
9) Benzaldehyde	6.17	77	96483	10.55	ng		87
10) Phenol	6.31	94	569065	34.53	ng	#	78
11) bis(2-Chloroethyl)ether	6.39	93	544945	43.69	ng		89
12) 1,3-Dichlorobenzene	6.58	146	576052	40.76	ng		99
13) 1,4-Dichlorobenzene	6.66	146	573196m	39.64	ng		
14) 1,2-Dichlorobenzene	6.81	146	555529	42.85	ng		99
15) Benzyl Alcohol	6.79	79	373224	42.03	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	979025	41.17	ng		98
17) 2-Methylphenol	6.91	107	445414	44.07	ng		97
18) Hexachloroethane	7.15	117	196013	39.57	ng		99
19) n-Nitroso-di-n-propylamine	7.07	70	374023	40.50	ng		99
20) 3+4-Methylphenols	7.06	107	493258	40.27	ng		93
22) Acetophenone	7.06	105	626049	38.00	ng		99
24) Nitrobenzene	7.22	77	511486	37.99	ng		97
25) Isophorone	7.47	82	1008276	39.16	ng		99
26) 2-Nitrophenol	7.54	139	256358	39.84	ng		100
27) 2,4-Dimethylphenol	7.60	122	478327	40.18	ng		95
28) bis(2-Chloroethoxy)methane	7.69	93	663997	42.76	ng		99
29) 2,4-Dichlorophenol	7.78	162	425208	39.85	ng		98
30) 1,2,4-Trichlorobenzene	7.87	180	494245	42.36	ng		100
31) Naphthalene	7.94	128	1358986	37.15	ng		100
32) Benzoic acid	7.70	122	154987	19.33	ng		97
33) 4-Chloroaniline	8.00	127	479793	32.51	ng		98
34) Hexachlorobutadiene	8.07	225	262322	38.37	ng		98
35) Caprolactam	8.36	113	130218	38.66	ng		95
36) 4-Chloro-3-methylphenol	8.49	107	462092	40.89	ng		88
37) 2-Methylnaphthalene	8.64	142	1022092	42.28	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	356735	35.51	ng		99
40) Hexachlorocyclopentadiene	8.79	237	331089	64.28	ng		92

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090216\
Data File : BF089980.D
Acq On : 2 Sep 2016 17:40
Operator : UM/SJ
Sample : H4675-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMP-A(0-2)-2MSD

Manual Integrations APPROVED
sohil
9/5/2016 6:42:39 AM

Quant Time: Sep 02 18:54:09 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	296915	42.65	ng		99
43) 2,4,5-Trichlorophenol	8.96	196	310616	46.40	ng	#	92
45) 1,1'-Biphenyl	9.10	154	936871	33.93	ng		100
46) 2-Chloronaphthalene	9.12	162	835970	42.80	ng		99
47) 2-Nitroaniline	9.22	65	286718	44.91	ng	#	56
48) Acenaphthylene	9.53	152	1301971	40.32	ng		99
49) Dimethylphthalate	9.42	163	1873896	75.61	ng	#	98
50) 2,6-Dinitrotoluene	9.46	165	217710	39.50	ng		95
51) Acenaphthene	9.70	154	868193	42.43	ng		100
52) 3-Nitroaniline	9.62	138	197524	31.42	ng		100
53) 2,4-Dinitrophenol	9.74	184	170440	54.25	ng	#	55
54) Dibenzofuran	9.87	168	1197554	43.68	ng		100
55) 4-Nitrophenol	9.79	139	303622	64.03	ng	#	62
56) 2,4-Dinitrotoluene	9.86	165	298327	42.68	ng		95
57) Fluorene	10.22	166	884359	44.14	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.00	232	242700	42.35	ng		97
59) Diethylphthalate	10.10	149	949896	40.74	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	413376	43.84	ng		98
61) 4-Nitroaniline	10.24	138	247922	40.14	ng		98
62) Azobenzene	10.36	77	965596	41.46	ng		99
64) 4,6-Dinitro-2-methylphenol	10.26	198	123833	32.58	ng		94
65) n-Nitrosodiphenylamine	10.33	169	765817	42.90	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	265856	44.48	ng		99
67) Hexachlorobenzene	10.75	284	263755	38.63	ng		99
68) Atrazine	10.86	200	263299	44.19	ng		99
69) Pentachlorophenol	10.95	266	285460	77.72	ng		99
70) Phenanthrene	11.16	178	1253355	42.39	ng		99
71) Anthracene	11.21	178	1188120	39.62	ng		100
72) Carbazole	11.37	167	1107657	39.39	ng		100
73) Di-n-butylphthalate	11.71	149	1369171	41.78	ng		100
74) Fluoranthene	12.34	202	1257541	40.59	ng		99
76) Benzidine	12.47	184	46530	2.93	ng		96
77) Pyrene	12.56	202	1153903	39.03	ng		99
79) Butylbenzylphthalate	13.20	149	518830	43.52	ng		98
80) Benzo(a)anthracene	13.75	228	1061885	41.35	ng		100
81) 3,3'-Dichlorobenzidine	13.71	252	339004	36.57	ng		99
82) Chrysene	13.78	228	1010099	42.11	ng		99
83) Bis(2-ethylhexyl)phthalate	13.77	149	714131	43.31	ng		100
84) Di-n-octyl phthalate	14.38	149	1238499	46.53	ng		99
85) Indeno(1,2,3-cd)pyrene	16.33	276	1007953	56.83	ng		100
87) Benzo(b)fluoranthene	14.74	252	1152137m	41.65	ng		
88) Benzo(k)fluoranthene	14.77	252	848315m	36.14	ng		
89) Benzo(a)pyrene	15.05	252	999594	42.17	ng	#	98
90) Dibenzo(a,h)anthracene	16.35	278	861850	49.63	ng		99
91) Benzo(g,h,i)perylene	16.70	276	819664	46.89	ng	#	93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090216\
Data File : BF089980.D
Acq On : 2 Sep 2016 17:40
Operator : UM/SJ
Sample : H4675-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 02 18:54:09 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-2MSD

Manual Integrations APPROVED
sohil
9/5/2016 6:42:39 AM