Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
Data File : BF100022.D
Acq On : 31 Oct 2017 23:33
Operator : SJ/JU
Sample : I6081-09MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILLMSD

Manual Integrations APPROVED
Sohil
11/1/2017 2:38:00 PM

Quant Time: Nov 01 05:43:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	97781	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	402923	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	180064	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	316086	20.00	ng		0.00
75) Chrysene-d12	13.99	240	180759	20.00	ng		0.00
86) Perylene-d12	15.48	264	185474	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	626603	100.61	ng		0.01
7) Phenol-d6	6.44	99	734082	99.40	ng		0.00
23) Nitrobenzene-d5	7.36	82	418079	66.80	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	158254	96.44	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	750204	64.28	ng		0.00
78) Terphenyl-d14	12.91	244	618487	74.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	76910	27.964	ng	#	89
3) Pyridine	3.32	79	178312	26.960	ng		90
4) n-Nitrosodimethylamine	3.27	42	78268	33.124	ng	#	72
6) Aniline	6.46	93	240010	25.065	ng	#	87
8) 2-Chlorophenol	6.58	128	243227	36.642	ng		91
9) Benzaldehyde	6.35	77	109973	24.920	ng		93
10) Phenol	6.46	94	322982	39.834	ng		85
11) bis(2-Chloroethyl)ether	6.53	93	216892	34.640	ng		96
12) 1,3-Dichlorobenzene	6.73	146	252045m	33.817	ng		
13) 1,4-Dichlorobenzene	6.80	146	255875	33.826	ng		98
14) 1,2-Dichlorobenzene	6.96	146	239425	34.729	ng		97
15) Benzyl Alcohol	6.95	79	166724	35.499	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	266973	38.384	ng	#	43
17) 2-Methylphenol	7.06	107	193642	34.875	ng	#	94
18) Hexachloroethane	7.29	117	73664	29.189	ng		92
19) n-Nitroso-di-n-propylamine	7.20	70	147296	34.035	ng		91
20) 3+4-Methylphenols	7.21	107	249847	38.645	ng	#	68
22) Acetophenone	7.20	105	308370	33.613	ng	#	93
24) Nitrobenzene	7.38	77	222228	35.241	ng		92
25) Isophorone	7.62	82	427112	37.610	ng		97
26) 2-Nitrophenol	7.70	139	112981	31.281	ng	#	81
27) 2,4-Dimethylphenol	7.73	122	207873	39.062	ng		95
28) bis(2-Chloroethoxy)methane	7.82	93	280526	35.271	ng		99
29) 2,4-Dichlorophenol	7.95	162	208917	37.791	ng		95
30) 1,2,4-Trichlorobenzene	8.02	180	202233	34.238	ng		98
31) Naphthalene	8.09	128	676466	34.781	ng		100
32) Benzoic acid	7.87	122	32616	6.963	ng		85
33) 4-Chloroaniline	8.15	127	187890	23.395	ng		95
34) Hexachlorobutadiene	8.20	225	98833	32.530	ng		98
35) Caprolactam	8.53	113	63797	36.697	ng	#	74
36) 4-Chloro-3-methylphenol	8.65	107	202640	35.913	ng		88
37) 2-Methylnaphthalene	8.79	142	468016	35.908	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	189363	32.561	ng	#	97
40) Hexachlorocyclopentadiene	8.93	237	10164	19.901	ng		93

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
Data File : BF100022.D
Acq On : 31 Oct 2017 23:33
Operator : SJ/JU
Sample : I6081-09MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILLMSD

Manual Integrations APPROVED
Sohil
11/1/2017 2:38:00 PM

Quant Time: Nov 01 05:43:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	134312	38.181	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	132923	35.608	ng	#	91
45) 1,1'-Biphenyl	9.25	154	538062	33.031	ng		97
46) 2-Chloronaphthalene	9.28	162	416057	35.170	ng		94
47) 2-Nitroaniline	9.39	65	115130	37.080	ng		87
48) Acenaphthylene	9.69	152	639025	35.072	ng		99
49) Dimethylphthalate	9.55	163	610411	42.807	ng		99
50) 2,6-Dinitrotoluene	9.63	165	106380	35.487	ng		89
51) Acenaphthene	9.86	154	376318	33.802	ng		99
52) 3-Nitroaniline	9.80	138	111169	31.473	ng		88
53) 2,4-Dinitrophenol	9.96	184	3346	8.385	ng		89
54) Dibenzofuran	10.04	168	571465	36.364	ng		96
55) 4-Nitrophenol	9.99	139	100197	54.291	ng		83
56) 2,4-Dinitrotoluene	10.05	165	131293	36.368	ng	#	79
57) Fluorene	10.38	166	466450	35.848	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	98762	37.734	ng		90
59) Diethylphthalate	10.25	149	480742	34.523	ng		97
60) 4-Chlorophenyl-phenylether	10.37	204	207064	33.813	ng		92
61) 4-Nitroaniline	10.43	138	119902	35.580	ng		81
62) Azobenzene	10.53	77	422655	36.208	ng		90
64) 4,6-Dinitro-2-methylphenol	10.47	198	9296	4.679	ng		79
65) n-Nitrosodiphenylamine	10.49	169	402509	34.496	ng		98
66) 4-Bromophenyl-phenylether	10.86	248	121602	36.543	ng		92
67) Hexachlorobenzene	10.93	284	118996	34.954	ng		94
68) Atrazine	11.02	200	125726	35.871	ng		100
69) Pentachlorophenol	11.14	266	74946	51.521	ng		98
70) Phenanthrene	11.35	178	804480	45.099	ng		99
71) Anthracene	11.40	178	683476	37.747	ng		99
72) Carbazole	11.56	167	595075	34.948	ng		99
73) Di-n-butylphthalate	11.87	149	749581	34.514	ng	#	98
74) Fluoranthene	12.54	202	755497	40.754	ng		99
76) Benzidine	12.67	184	135791	17.168	ng		97
77) Pyrene	12.77	202	709110	51.591	ng		99
79) Butylbenzylphthalate	13.37	149	271168	40.064	ng		94
80) Benzo(a)anthracene	13.97	228	464865	40.568	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	116837	28.089	ng		97
82) Chrysene	14.02	228	436948	40.560	ng		98
83) Bis(2-ethylhexyl)phthalate	13.93	149	365399	38.443	ng		99
84) Di-n-octyl phthalate	14.57	149	572679	35.104	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.98	276	424090	42.882	ng		97
87) Benzo(b)fluoranthene	15.05	252	439231	37.503	ng		97
88) Benzo(k)fluoranthene	15.08	252	389679	35.285	ng		98
89) Benzo(a)pyrene	15.42	252	416287	39.569	ng		98
90) Dibenzo(a,h)anthracene	16.98	278	338146	36.172	ng		98
91) Benzo(g,h,i)perylene	17.43	276	347648	38.012	ng		96

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
Data File : BF100022.D
Acq On : 31 Oct 2017 23:33
Operator : SJ/JU
Sample : I6081-09MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 01 05:43:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILLMSD

Manual Integrations APPROVED
Sohil
11/1/2017 2:38:00 PM