Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
Data File : BF099200.D
Acq On : 7 Oct 2017 18:00
Operator : SJ/JU
Sample : I5678-01MSD 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-100417MSD

Quant Time: Oct 08 04:44:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Oct 08 03:54:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	121967	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	461055	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	176625	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	264811	20.00	ng		0.00
75) Chrysene-d12	14.03	240	217870	20.00	ng		0.00
86) Perylene-d12	15.51	264	173506	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	216949	28.32	ng		0.00
7) Phenol-d6	6.49	99	249717	26.42	ng		0.00
23) Nitrobenzene-d5	7.43	82	137553	19.13	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	34880	24.13	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	262019	24.77	ng		0.00
78) Terphenyl-d14	12.97	244	183342	19.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	24271	6.632	ng		99
3) Pyridine	3.46	79	64419	6.506	ng		98
4) n-Nitrosodimethylamine	3.36	42	29955	7.135	ng		89
6) Aniline	6.53	93	63195	4.954	ng		96
8) 2-Chlorophenol	6.65	128	74963	8.640	ng		95
9) Benzaldehyde	6.42	77	30405	5.546	ng		95
10) Phenol	6.50	94	100793	9.535	ng		94
11) bis(2-Chloroethyl)ether	6.60	93	71274	8.673	ng		95
12) 1,3-Dichlorobenzene	6.80	146	80859	8.899	ng		98
13) 1,4-Dichlorobenzene	6.88	146	82371	8.910	ng		98
14) 1,2-Dichlorobenzene	7.03	146	77831	9.111	ng		98
15) Benzyl Alcohol	7.00	79	57315	8.266	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.13	45	105625	8.250	ng		97
17) 2-Methylphenol	7.12	107	61135	8.611	ng		95
18) Hexachloroethane	7.37	117	19784	5.953	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	48936	8.109	ng		94
20) 3+4-Methylphenols	7.27	107	77562	8.636	ng	#	59
22) Acetophenone	7.27	105	102621	9.187	ng	#	96
24) Nitrobenzene	7.45	77	70719	8.671	ng		96
25) Isophorone	7.68	82	128984	8.678	ng		100
26) 2-Nitrophenol	7.76	139	21782	5.554	ng		92
27) 2,4-Dimethylphenol	7.80	122	62547	8.445	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	85220	9.200	ng		99
29) 2,4-Dichlorophenol	8.00	162	53984	8.490	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	60027	9.438	ng		100
31) Naphthalene	8.17	128	219195	10.123	ng		100
33) 4-Chloroaniline	8.22	127	57922	6.405	ng		96
34) Hexachlorobutadiene	8.28	225	29475	8.998	ng		97
35) Caprolactam	8.56	113	15479	7.589	ng	#	85
36) 4-Chloro-3-methylphenol	8.69	107	53226	7.447	ng		98
37) 2-Methylnaphthalene	8.86	142	148997	10.585	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	50178	9.526	ng		99
42) 2,4,6-Trichlorophenol	9.14	196	31015	8.311	ng		97
43) 2,4,5-Trichlorophenol	9.18	196	31929	8.571	ng		94

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
Data File : BF099200.D
Acq On : 7 Oct 2017 18:00
Operator : SJ/JU
Sample : I5678-01MSD 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-100417MSD

Quant Time: Oct 08 04:44:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Oct 08 03:54:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.32	154	154512	10.179	ng		97
46) 2-Chloronaphthalene	9.35	162	111968	9.824	ng		97
47) 2-Nitroaniline	9.45	65	32271	9.247	ng		92
48) Acenaphthylene	9.76	152	182717	10.472	ng		99
49) Dimethylphthalate	9.62	163	162339	12.178	ng		100
50) 2,6-Dinitrotoluene	9.68	165	19820	6.829	ng		99
51) Acenaphthene	9.93	154	116059	10.501	ng		99
52) 3-Nitroaniline	9.85	138	31130	9.199	ng	#	98
54) Dibenzofuran	10.10	168	163261	11.095	ng		100
55) 4-Nitrophenol	10.02	139	29775	10.406	ng		89
56) 2,4-Dinitrotoluene	10.09	165	22751	6.040	ng	#	96
57) Fluorene	10.45	166	141727	11.983	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.23	232	20308	7.892	ng	#	96
59) Diethylphthalate	10.32	149	120014	9.213	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	48742	9.174	ng		99
61) 4-Nitroaniline	10.46	138	31480	9.643	ng		87
62) Azobenzene	10.60	77	98784	8.248	ng		95
65) n-Nitrosodiphenylamine	10.56	169	94315	10.281	ng		98
66) 4-Bromophenyl-phenylether	10.93	248	25661	9.900	ng		99
67) Hexachlorobenzene	11.00	284	24623	8.894	ng		96
68) Atrazine	11.08	200	27137	9.832	ng		99
69) Pentachlorophenol	11.19	266	17340	10.064	ng		96
70) Phenanthrene	11.42	178	328652	23.186	ng		99
71) Anthracene	11.46	178	191408	13.198	ng		98
72) Carbazole	11.62	167	149715	10.541	ng		98
73) Di-n-butylphthalate	11.94	149	166532	9.741	ng		99
74) Fluoranthene	12.60	202	353647	24.639	ng		99
76) Benzidine	12.72	184	53670	6.660	ng		96
77) Pyrene	12.83	202	341643	20.564	ng		99
79) Butylbenzylphthalate	13.44	149	67691	8.670	ng		95
80) Benzo(a)anthracene	14.02	228	199786	15.144	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	43201	8.933	ng		98
82) Chrysene	14.06	228	194550	15.490	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	101462	9.437	ng	#	98
84) Di-n-octyl phthalate	14.61	149	174251	10.066	ng	#	98
85) Indeno(1,2,3-cd)pyrene	16.99	276	109477	10.896	ng		97
87) Benzo(b)fluoranthene	15.07	252	168867	15.830	ng	#	95
88) Benzo(k)fluoranthene	15.10	252	131022	12.435	ng		99
89) Benzo(a)pyrene	15.44	252	146478	14.958	ng	#	96
90) Dibenzo(a,h)anthracene	17.00	278	74283	9.479	ng	#	92
91) Benzo(g,h,i)perylene	17.44	276	95092	12.276	ng		95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
Data File : BF099200.D
Acq On : 7 Oct 2017 18:00
Operator : SJ/JU
Sample : I5678-01MSD 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-100417MSD

Quant Time: Oct 08 04:44:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Oct 08 03:54:40 2017
Response via : Initial Calibration