Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075576.D
Acq On : 16 Nov 2014 11:12
Operator : TP / JJ
Sample : F4709-06MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-COMPMSD

Manual Integrations APPROVED
mohammad
11/17/2014 7:39:36 PM

Quant Time: Nov 17 04:51:48 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 17 04:16:34 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	87589	20.00	ng		0.00
21) Naphthalene-d8	9.13	136	367947	20.00	ng		0.00
38) Acenaphthene-d10	11.32	164	202055	20.00	ng		0.00
63) Phenanthrene-d10	13.17	188	339362	20.00	ng		0.00
75) Chrysene-d12	16.47	240	360229	20.00	ng		-0.01
86) Perylene-d12	18.22	264	356618	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	394402	79.55	ng		0.01
7) Phenol-d6	7.11	99	429439	72.03	ng		0.00
23) Nitrobenzene-d5	8.24	82	286489	57.08	ng		-0.01
41) 2,4,6-Tribromophenol	12.30	330	132665	78.39	ng		-0.01
44) 2-Fluorobiphenyl	10.48	172	602715	53.90	ng		0.00
78) Terphenyl-d14	15.17	244	653493	48.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	44038m	21.16	ng		
3) Pyridine	3.30	79	95641m	17.10	ng		
4) n-Nitrosodimethylamine	3.21	42	71539m	24.17	ng		
6) Aniline	7.14	93	58042	6.74	ng		98
8) 2-Chlorophenol	7.29	128	140903	24.55	ng		98
10) Phenol	7.13	94	154882	21.29	ng		88
11) bis(2-Chloroethyl)ether	7.24	93	144680	26.26	ng		90
12) 1,3-Dichlorobenzene	7.48	146	136579	21.84	ng	#	93
13) 1,4-Dichlorobenzene	7.58	146	146931	23.10	ng		97
14) 1,2-Dichlorobenzene	7.76	146	143882	24.12	ng		95
15) Benzyl Alcohol	7.73	79	117040	25.01	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.91	45	294493	25.82	ng		96
17) 2-Methylphenol	7.88	107	116700	24.56	ng		96
18) Hexachloroethane	8.18	117	50439	23.12	ng	#	71
19) n-Nitroso-di-n-propylamine	8.06	70	99036	24.38	ng	#	93
20) 3+4-Methylphenols	8.07	107	147667	23.74	ng	#	70
22) Acetophenone	8.06	105	218560	27.53	ng	#	93
24) Nitrobenzene	8.26	77	155602	26.75	ng		90
25) Isophorone	8.56	82	289238	25.24	ng		93
26) 2-Nitrophenol	8.66	139	75901	28.64	ng	#	82
27) 2,4-Dimethylphenol	8.72	122	135307	26.34	ng		99
28) bis(2-Chloroethoxy)methane	8.85	93	192949	27.63	ng		99
29) 2,4-Dichlorophenol	8.96	162	120549	26.79	ng		95
30) 1,2,4-Trichlorobenzene	9.06	180	116222	24.60	ng		95
31) Naphthalene	9.17	128	458907	27.97	ng		99
32) Benzoic acid	8.82	122	81075	26.12	ng		94
33) 4-Chloroaniline	9.24	127	35973	5.05	ng		96
34) Hexachlorobutadiene	9.32	225	62089	24.32	ng		97
35) Caprolactam	9.66	113	33649	22.56	ng	#	75
36) 4-Chloro-3-methylphenol	9.84	107	132917	26.92	ng		94
37) 2-Methylnaphthalene	10.02	142	311509	27.83	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.23	216	115814	27.88	ng		99
40) Hexachlorocyclopentadiene	10.22	237	131785	52.23	ng		97
42) 2,4,6-Trichlorophenol	10.38	196	82484	24.97	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075576.D
Acq On : 16 Nov 2014 11:12
Operator : TP / JJ
Sample : F4709-06MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-COMPMSD

Manual Integrations APPROVED
mohammad
11/17/2014 7:39:36 PM

Quant Time: Nov 17 04:51:48 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 17 04:16:34 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	10.42	196	90024	26.17	ng	#	94
45) 1,1'-Biphenyl	10.61	154	366174	26.87	ng		97
46) 2-Chloronaphthalene	10.63	162	295151	27.70	ng		94
47) 2-Nitroaniline	10.76	65	91766	28.62	ng	#	76
48) Acenaphthylene	11.14	152	499258	28.41	ng		99
49) Dimethylphthalate	10.98	163	346003	25.05	ng		99
50) 2,6-Dinitrotoluene	11.06	165	74037	27.21	ng	#	69
51) Acenaphthene	11.36	154	285251	26.89	ng		98
52) 3-Nitroaniline	11.26	138	27531	8.58	ng		94
53) 2,4-Dinitrophenol	11.40	184	70483	53.97	ng	#	80
54) Dibenzofuran	11.58	168	405667	26.76	ng		92
55) 4-Nitrophenol	11.48	139	126179	49.20	ng		94
56) 2,4-Dinitrotoluene	11.56	165	101982	28.53	ng	#	72
57) Fluorene	12.00	166	333997	27.25	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.73	232	71819	26.30	ng	#	94
59) Diethylphthalate	11.87	149	354464	24.73	ng		99
60) 4-Chlorophenyl-phenylether	12.00	204	137612	26.11	ng		99
61) 4-Nitroaniline	12.03	138	80231	25.02	ng		85
62) Azobenzene	12.20	77	315786	25.04	ng		96
64) 4,6-Dinitro-2-methylphenol	12.06	198	44342	25.83	ng	#	42
65) n-Nitrosodiphenylamine	12.15	169	275273	25.64	ng		98
66) 4-Bromophenyl-phenylether	12.62	248	89536	28.04	ng		96
67) Hexachlorobenzene	12.68	284	96750	26.68	ng	#	91
68) Atrazine	12.83	200	64285	19.30	ng		93
69) Pentachlorophenol	12.93	266	100957	44.36	ng		98
70) Phenanthrene	13.20	178	511455	28.64	ng		100
71) Anthracene	13.26	178	519638	28.15	ng		98
72) Carbazole	13.47	167	489537	27.10	ng		99
73) Di-n-butylphthalate	13.90	149	610910	24.48	ng		99
74) Fluoranthene	14.68	202	534044	27.92	ng		99
76) Benzidine	14.85	184	173094	15.11	ng		100
77) Pyrene	14.96	202	571027	27.27	ng		100
79) Butylbenzylphthalate	15.77	149	283439	24.10	ng		95
80) Benzo(a)anthracene	16.46	228	534957	28.27	ng		99
81) 3,3'-Dichlorobenzidine	16.43	252	89919	12.87	ng	#	93
82) Chrysene	16.51	228	468238	28.61	ng		99
83) Bis(2-ethylhexyl)phthalate	16.48	149	415166	22.41	ng	#	98
84) Di-n-octyl phthalate	17.28	149	734748	22.53	ng		98
85) Indeno(1,2,3-cd)pyrene	19.79	276	579620m	29.19	ng		
87) Benzo(b)fluoranthene	17.75	252	576852	30.25	ng		99
88) Benzo(k)fluoranthene	17.79	252	428878m	25.06	ng		
89) Benzo(a)pyrene	18.15	252	501785	29.41	ng	#	97
90) Dibenzo(a,h)anthracene	19.82	278	510384	28.65	ng		98
91) Benzo(g,h,i)perylene	20.27	276	490481	28.89	ng		95

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075576.D
Acq On : 16 Nov 2014 11:12
Operator : TP / JJ
Sample : F4709-06MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 17 04:51:48 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 17 04:16:34 2014
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
E-COMPMSD

Manual Integrations APPROVED
mohammad
11/17/2014 7:39:36 PM