Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075538.D
Acq On : 15 Nov 2014 13:28
Operator : TP / JJ
Sample : F4706-04MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05(36-38)-111014MS

Manual Integrations APPROVED
mohammad
11/17/2014 7:35:47 PM

Quant Time: Nov 16 03:29:52 2014
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 16 02:30:12 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	52065	20.00	ng		-0.01
21) Naphthalene-d8	9.13	136	220683	20.00	ng		0.00
38) Acenaphthene-d10	11.31	164	112621	20.00	ng		-0.01
63) Phenanthrene-d10	13.16	188	191880	20.00	ng		0.00
75) Chrysene-d12	16.45	240	209602	20.00	ng		-0.01
86) Perylene-d12	18.22	264	220753	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	246624	83.68	ng		0.01
7) Phenol-d6	7.09	99	297741	84.01	ng		0.00
23) Nitrobenzene-d5	8.24	82	159156	52.88	ng		0.00
41) 2,4,6-Tribromophenol	12.29	330	71648	75.96	ng		-0.01
44) 2-Fluorobiphenyl	10.47	172	274452	44.04	ng		-0.01
78) Terphenyl-d14	15.15	244	310928	39.94	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	32936	26.62	ng		95
3) Pyridine	3.28	79	75596m	22.74	ng		
4) n-Nitrosodimethylamine	3.18	42	42393m	24.09	ng		
6) Aniline	7.13	93	77448	15.13	ng		99
8) 2-Chlorophenol	7.28	128	92014	26.98	ng		99
9) Benzaldehyde	7.00	77	4996	2.10	ng		92
10) Phenol	7.11	94	132530	30.65	ng		83
11) bis(2-Chloroethyl)ether	7.22	93	94751	28.93	ng		94
12) 1,3-Dichlorobenzene	7.48	146	97640	26.27	ng		98
13) 1,4-Dichlorobenzene	7.57	146	99451	26.30	ng		99
14) 1,2-Dichlorobenzene	7.75	146	94309	26.60	ng		98
15) Benzyl Alcohol	7.73	79	72600	26.10	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.90	45	185848	27.42	ng		99
17) 2-Methylphenol	7.86	107	76540	27.10	ng		96
18) Hexachloroethane	8.17	117	34836	26.86	ng		94
19) n-Nitroso-di-n-propylamine	8.06	70	65795	27.24	ng		90
20) 3+4-Methylphenols	8.05	107	99276	26.85	ng	#	81
22) Acetophenone	8.05	105	137698	28.92	ng	#	80
24) Nitrobenzene	8.26	77	98089	28.12	ng		92
25) Isophorone	8.56	82	188349	27.41	ng		99
26) 2-Nitrophenol	8.65	139	44025	27.70	ng		91
27) 2,4-Dimethylphenol	8.71	122	86359	28.03	ng		100
28) bis(2-Chloroethoxy)methane	8.84	93	126477	30.20	ng		98
29) 2,4-Dichlorophenol	8.95	162	76380	28.30	ng		100
30) 1,2,4-Trichlorobenzene	9.06	180	73864	26.06	ng		99
31) Naphthalene	9.16	128	300925	30.59	ng		99
32) Benzoic acid	8.76	122	10648m	5.72	ng		
33) 4-Chloroaniline	9.22	127	55476	12.98	ng		98
34) Hexachlorobutadiene	9.30	225	37823	24.70	ng		97
35) Caprolactam	9.62	113	24114	26.96	ng	#	90
36) 4-Chloro-3-methylphenol	9.82	107	80864	27.31	ng		98
37) 2-Methylnaphthalene	10.01	142	186201	27.74	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	67790	29.28	ng		99
40) Hexachlorocyclopentadiene	10.21	237	69959	49.75	ng		99

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Quant Time: Nov 16 03:29:52 2014
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 16 02:30:12 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.37	196	45935	24.95	ng		95
43) 2,4,5-Trichlorophenol	10.40	196	52266	27.26	ng	#	88
45) 1,1'-Biphenyl	10.60	154	223296	29.39	ng		97
46) 2-Chloronaphthalene	10.62	162	176342	29.69	ng		98
47) 2-Nitroaniline	10.74	65	54080	30.26	ng	#	76
48) Acenaphthylene	11.13	152	288940	29.50	ng		99
49) Dimethylphthalate	10.97	163	201503	26.17	ng		99
50) 2,6-Dinitrotoluene	11.05	165	41756	27.54	ng	#	68
51) Acenaphthene	11.35	154	173234	29.30	ng		98
52) 3-Nitroaniline	11.26	138	37990	21.25	ng	#	75
53) 2,4-Dinitrophenol	11.39	184	12632	22.02	ng	#	60
54) Dibenzofuran	11.57	168	247950	29.35	ng		91
55) 4-Nitrophenol	11.45	139	79826	55.85	ng		87
56) 2,4-Dinitrotoluene	11.55	165	54458	27.34	ng	#	70
57) Fluorene	11.99	166	198319	29.02	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.72	232	40804	26.81	ng		95
59) Diethylphthalate	11.85	149	192438	24.09	ng		99
60) 4-Chlorophenyl-phenylether	12.00	204	80558	27.42	ng	#	83
61) 4-Nitroaniline	12.01	138	45988	25.73	ng	#	78
62) Azobenzene	12.20	77	185942	26.45	ng		85
64) 4,6-Dinitro-2-methylphenol	12.05	198	18841	19.41	ng	#	75
65) n-Nitrosodiphenylamine	12.14	169	162067	26.70	ng		98
66) 4-Bromophenyl-phenylether	12.61	248	49650	27.50	ng	#	92
67) Hexachlorobenzene	12.67	284	55295	26.97	ng	#	89
68) Atrazine	12.81	200	51372	27.28	ng		93
69) Pentachlorophenol	12.92	266	57770	44.90	ng		99
70) Phenanthrene	13.19	178	306900	30.39	ng		98
71) Anthracene	13.25	178	297329	28.48	ng		99
72) Carbazole	13.45	167	289721	28.37	ng		99
73) Di-n-butylphthalate	13.90	149	334522	23.71	ng		99
74) Fluoranthene	14.67	202	316658	29.28	ng		99
76) Benzidine	14.84	184	141713	21.26	ng		97
77) Pyrene	14.95	202	341052	27.99	ng		100
79) Butylbenzylphthalate	15.76	149	157540	23.02	ng		91
80) Benzo(a)anthracene	16.44	228	309168	28.08	ng		100
81) 3,3'-Dichlorobenzidine	16.41	252	71933	17.69	ng	#	91
82) Chrysene	16.48	228	279233	29.32	ng		99
83) Bis(2-ethylhexyl)phthalate	16.48	149	228258	21.18	ng		99
84) Di-n-octyl phthalate	17.28	149	413169	21.77	ng		98
85) Indeno(1,2,3-cd)pyrene	19.77	276	357155	30.91	ng	#	100
87) Benzo(b)fluoranthene	17.75	252	307430	26.05	ng		98
88) Benzo(k)fluoranthene	17.79	252	317946m	30.02	ng		
89) Benzo(a)pyrene	18.15	252	311252	29.47	ng	#	94
90) Dibenzo(a,h)anthracene	19.81	278	317659	28.80	ng		100
91) Benzo(g,h,i)perylene	20.23	276	314978	29.98	ng		97

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

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