Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075539.D
Acq On : 15 Nov 2014 13:57
Operator : TP / JJ
Sample : F4706-05MSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
11/17/2014 7:35:51 PM

Quant Time: Nov 16 03:31:43 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	7.56	152	53728	20.00	ng		0.00
21) Naphthalene-d8	9.13	136	232066	20.00	ng		0.00
38) Acenaphthene-d10	11.30	164	122591	20.00	ng		-0.01
63) Phenanthrene-d10	13.16	188	201513	20.00	ng		0.00
75) Chrysene-d12	16.45	240	210940	20.00	ng		-0.01
86) Perylene-d12	18.20	264	219866	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	316378	104.03	ng		0.01
7) Phenol-d6	7.09	99	381894	104.42	ng		0.00
23) Nitrobenzene-d5	8.24	82	217166	68.61	ng		0.00
41) 2,4,6-Tribromophenol	12.29	330	91807	89.41	ng		-0.01
44) 2-Fluorobiphenyl	10.47	172	386539	56.98	ng		-0.01
78) Terphenyl-d14	15.15	244	416092	53.10	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	38885	30.46	ng		96
3) Pyridine	3.28	79	91353m	26.63	ng		
4) n-Nitrosodimethylamine	3.18	42	57698m	31.77	ng		
6) Aniline	7.13	93	92567	17.52	ng		97
8) 2-Chlorophenol	7.28	128	109759	31.18	ng		99
9) Benzaldehyde	7.00	77	5775	2.35	ng		88
10) Phenol	7.11	94	155759	34.91	ng		85
11) bis(2-Chloroethyl)ether	7.24	93	114087	33.76	ng	#	80
12) 1,3-Dichlorobenzene	7.48	146	118777	30.96	ng		98
13) 1,4-Dichlorobenzene	7.57	146	118813	30.45	ng		99
14) 1,2-Dichlorobenzene	7.76	146	114056	31.17	ng	#	91
15) Benzyl Alcohol	7.73	79	86208	30.03	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.90	45	226489	32.38	ng		98
17) 2-Methylphenol	7.86	107	93209	31.98	ng		97
18) Hexachloroethane	8.17	117	41977	31.37	ng		93
19) n-Nitroso-di-n-propylamine	8.06	70	82550	33.12	ng		91
20) 3+4-Methylphenols	8.05	107	123098	32.26	ng	#	84
22) Acetophenone	8.05	105	162424	32.44	ng	#	78
24) Nitrobenzene	8.26	77	122363	33.36	ng		95
25) Isophorone	8.56	82	220062	30.45	ng		98
26) 2-Nitrophenol	8.65	139	52181	31.22	ng		94
27) 2,4-Dimethylphenol	8.71	122	104292	32.19	ng		100
28) bis(2-Chloroethoxy)methane	8.84	93	149756	34.00	ng		99
29) 2,4-Dichlorophenol	8.95	162	90910	32.03	ng		99
30) 1,2,4-Trichlorobenzene	9.06	180	88469	29.69	ng		98
31) Naphthalene	9.16	128	352617	34.08	ng		100
32) Benzoic acid	8.77	122	32570	16.64	ng		97
33) 4-Chloroaniline	9.22	127	67297	14.97	ng		99
34) Hexachlorobutadiene	9.32	225	46005	28.57	ng		98
35) Caprolactam	9.62	113	29198	31.04	ng		94
36) 4-Chloro-3-methylphenol	9.82	107	96287	30.92	ng		98
37) 2-Methylnaphthalene	10.01	142	219424	31.09	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	80076	31.78	ng		97
40) Hexachlorocyclopentadiene	10.21	237	84306	55.07	ng		97

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Quant Time: Nov 16 03:31:43 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	58238	29.06	ng		99
43) 2,4,5-Trichlorophenol	10.40	196	59775	28.64	ng	#	83
45) 1,1'-Biphenyl	10.60	154	258990	31.32	ng		99
46) 2-Chloronaphthalene	10.62	162	208663	32.27	ng		96
47) 2-Nitroaniline	10.74	65	65788	33.82	ng	#	80
48) Acenaphthylene	11.13	152	348121	32.66	ng		99
49) Dimethylphthalate	10.98	163	257028	30.67	ng		99
50) 2,6-Dinitrotoluene	11.05	165	50289	30.47	ng	#	76
51) Acenaphthene	11.35	154	215607	33.51	ng		99
52) 3-Nitroaniline	11.26	138	45322	23.29	ng	#	77
53) 2,4-Dinitrophenol	11.38	184	24669	35.42	ng	#	72
54) Dibenzofuran	11.57	168	298521	32.46	ng		92
55) 4-Nitrophenol	11.45	139	95632	61.47	ng		84
56) 2,4-Dinitrotoluene	11.54	165	65869	30.37	ng	#	69
57) Fluorene	11.99	166	240758	32.37	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.72	232	50613	30.55	ng	#	94
59) Diethylphthalate	11.85	149	235206	27.05	ng		99
60) 4-Chlorophenyl-phenylether	12.00	204	98600	30.83	ng	#	82
61) 4-Nitroaniline	12.01	138	60519	31.10	ng	#	75
62) Azobenzene	12.20	77	235017	30.72	ng		85
64) 4,6-Dinitro-2-methylphenol	12.05	198	24859	24.39	ng	#	66
65) n-Nitrosodiphenylamine	12.14	169	195142	30.62	ng		100
66) 4-Bromophenyl-phenylether	12.61	248	59106	31.18	ng	#	91
67) Hexachlorobenzene	12.67	284	65736	30.53	ng	#	90
68) Atrazine	12.81	200	58944	29.80	ng		95
69) Pentachlorophenol	12.92	266	71062	52.59	ng		96
70) Phenanthrene	13.19	178	382044	36.02	ng		99
71) Anthracene	13.25	178	360005	32.84	ng		98
72) Carbazole	13.45	167	347743	32.42	ng		98
73) Di-n-butylphthalate	13.90	149	426780	28.80	ng		99
74) Fluoranthene	14.67	202	393955	34.68	ng		100
76) Benzidine	14.84	184	169120	25.21	ng		99
77) Pyrene	14.95	202	419977	34.25	ng		99
79) Butylbenzylphthalate	15.76	149	190756	27.70	ng		92
80) Benzo(a)anthracene	16.44	228	362652	32.73	ng		99
81) 3,3'-Dichlorobenzidine	16.41	252	92401	22.58	ng	#	92
82) Chrysene	16.48	228	332395	34.68	ng		100
83) Bis(2-ethylhexyl)phthalate	16.47	149	284156	26.19	ng	#	97
84) Di-n-octyl phthalate	17.27	149	494389	25.89	ng		98
85) Indeno(1,2,3-cd)pyrene	19.75	276	408197	35.11	ng	#	100
87) Benzo(b)fluoranthene	17.74	252	378590m	32.21	ng		
88) Benzo(k)fluoranthene	17.76	252	332565	31.52	ng		98
89) Benzo(a)pyrene	18.13	252	355934	33.84	ng		97
90) Dibenzo(a,h)anthracene	19.79	278	352512	32.09	ng		98
91) Benzo(g,h,i)perylene	20.22	276	347889	33.24	ng		99

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

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