Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
Data File : BF076780.D
Acq On : 8 Jan 2015 17:31
Operator : IZ / TP
Sample : G1017-02MS
Misc : S DOD
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0403MS

Manual Integrations APPROVED
TEJASKUMAR
1/9/2015 5:22:56 PM

Quant Time: Jan 09 11:50:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 08 09:08:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	39653	20.00	ng		-0.01
21) Naphthalene-d8	11.04	136	175133	20.00	ng		0.00
38) Acenaphthene-d10	15.18	164	95170	20.00	ng		-0.01
63) Phenanthrene-d10	17.90	188	162347	20.00	ng		0.00
75) Chrysene-d12	21.39	240	149188	20.00	ng		-0.01
86) Perylene-d12	23.07	264	133621	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	233409	99.79	ng		-0.01
7) Phenol-d6	7.52	99	302671	105.95	ng		0.00
23) Nitrobenzene-d5	9.43	82	183250	62.23	ng		0.00
41) 2,4,6-Tribromophenol	16.81	330	75982	94.46	ng		0.00
44) 2-Fluorobiphenyl	13.69	172	377678	61.76	ng		-0.01
78) Terphenyl-d14	20.12	244	383818	56.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.40	88	22743	22.75	ng	#	100
3) Pyridine	1.91	79	72010	28.61	ng		96
4) n-Nitrosodimethylamine	1.86	42	41042	33.71	ng		85
6) Aniline	7.42	93	45759	11.22	ng	#	80
8) 2-Chlorophenol	7.66	128	91354	34.10	ng		99
10) Phenol	7.54	94	110922	31.99	ng		79
11) bis(2-Chloroethyl)ether	7.66	93	90288	36.18	ng	#	79
12) 1,3-Dichlorobenzene	7.98	146	94937	30.53	ng		95
13) 1,4-Dichlorobenzene	8.17	146	96221	30.55	ng		96
14) 1,2-Dichlorobenzene	8.48	146	95591	32.01	ng		97
15) Benzyl Alcohol	8.55	79	80120	32.39	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.90	45	113430	31.37	ng	#	29
17) 2-Methylphenol	8.89	107	71086	32.30	ng	#	93
18) Hexachloroethane	9.24	117	39034	34.68	ng		90
19) n-Nitroso-di-n-propylamine	9.19	70	69153	33.15	ng	#	94
20) 3+4-Methylphenols	9.28	107	91705	30.85	ng		94
22) Acetophenone	9.11	105	145586	34.68	ng		92
24) Nitrobenzene	9.46	77	107084	35.07	ng		100
25) Isophorone	10.06	82	190054	33.49	ng	#	93
26) 2-Nitrophenol	10.21	139	46088	30.91	ng	#	75
27) 2,4-Dimethylphenol	10.47	122	81742	33.87	ng		95
28) bis(2-Chloroethoxy)methane	10.69	93	112125	33.65	ng		98
29) 2,4-Dichlorophenol	10.81	162	79432	33.48	ng		98
30) 1,2,4-Trichlorobenzene	10.95	180	81309	31.79	ng		96
31) Naphthalene	11.09	128	285711	32.93	ng		99
32) Benzoic acid	10.78	122	40831m	30.16	ng		
33) 4-Chloroaniline	11.33	127	39969	11.29	ng	#	93
34) Hexachlorobutadiene	11.45	225	45594	30.67	ng		91
35) Caprolactam	12.14	113	26541m	38.81	ng		
36) 4-Chloro-3-methylphenol	12.62	107	84627	32.06	ng		94
37) 2-Methylnaphthalene	12.75	142	197335	32.60	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	80442	34.36	ng	#	76
40) Hexachlorocyclopentadiene	13.13	237	77272	58.97	ng		97
42) 2,4,6-Trichlorophenol	13.49	196	53292	31.38	ng		99

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.58	196	59108	32.34	ng		94
45) 1,1'-Biphenyl	13.90	154	247905	35.06	ng		96
46) 2-Chloronaphthalene	13.88	162	196288	35.01	ng		97
47) 2-Nitroaniline	14.22	65	62341	36.55	ng	#	86
48) Acenaphthylene	14.84	152	314159	32.94	ng		99
49) Dimethylphthalate	14.77	163	262847	39.04	ng		98
50) 2,6-Dinitrotoluene	14.86	165	49349	35.78	ng	#	66
51) Acenaphthene	15.26	154	176238	32.66	ng		97
52) 3-Nitroaniline	15.21	138	35362	22.58	ng		100
53) 2,4-Dinitrophenol	15.49	184	25334	41.12	ng		86
54) Dibenzofuran	15.67	168	261180	33.46	ng		99
55) 4-Nitrophenol	15.77	139	75167	62.60	ng	#	79
56) 2,4-Dinitrotoluene	15.77	165	66701	36.29	ng	#	46
57) Fluorene	16.37	166	221519	33.79	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.99	232	45064	33.16	ng	#	100
59) Diethylphthalate	16.35	149	242947	35.33	ng		99
60) 4-Chlorophenyl-phenylether	16.45	204	97296	34.29	ng	#	87
61) 4-Nitroaniline	16.49	138	48638	29.54	ng		89
62) Azobenzene	16.72	77	240022	35.42	ng		88
64) 4,6-Dinitro-2-methylphenol	16.56	198	25696	25.30	ng	#	77
65) n-Nitrosodiphenylamine	16.68	169	178733	31.34	ng		99
66) 4-Bromophenyl-phenylether	17.27	248	55234	34.93	ng		96
67) Hexachlorobenzene	17.29	284	57928	31.38	ng	#	87
68) Atrazine	17.63	200	69857	41.00	ng		97
69) Pentachlorophenol	17.65	266	50630	56.04	ng		95
70) Phenanthrene	17.93	178	323738	33.05	ng		99
71) Anthracene	18.00	178	317953	33.08	ng		98
72) Carbazole	18.29	167	301984	32.40	ng		98
73) Di-n-butylphthalate	18.86	149	391760	34.22	ng		99
74) Fluoranthene	19.57	202	327838	32.78	ng		97
76) Benzidine	19.80	184	149301	24.01	ng		99
77) Pyrene	19.85	202	336883	32.28	ng		98
79) Butylbenzylphthalate	20.77	149	169973	34.07	ng	#	76
80) Benzo(a)anthracene	21.37	228	299865	32.28	ng		97
81) 3,3'-Dichlorobenzidine	21.39	252	70047	22.56	ng		99
82) Chrysene	21.42	228	286562	33.71	ng		99
83) Bis(2-ethylhexyl)phthalate	21.51	149	256360	33.96	ng	#	96
84) Di-n-octyl phthalate	22.28	149	427233	33.15	ng		98
85) Indeno(1,2,3-cd)pyrene	24.23	276	292005m	31.30	ng		
87) Benzo(b)fluoranthene	22.64	252	271791	30.83	ng		98
88) Benzo(k)fluoranthene	22.68	252	290338m	35.36	ng		
89) Benzo(a)pyrene	23.01	252	268088	34.08	ng		98
90) Dibenzo(a,h)anthracene	24.25	278	235094	30.16	ng		98
91) Benzo(g,h,i)perylene	24.54	276	249500	32.89	ng		99

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

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