Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
Data File : BF076776.D
Acq On : 8 Jan 2015 15:13
Operator : IZ / TP
Sample : PB81225BS
Misc : S DOD
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81225BS

Manual Integrations APPROVED
TEJASKUMAR
1/9/2015 5:22:57 PM

Quant Time: Jan 09 00:14:21 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	8.14	152	40225	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	173793	20.00	ng		0.00
38) Acenaphthene-d10	15.18	164	101695	20.00	ng		-0.01
63) Phenanthrene-d10	17.90	188	179126	20.00	ng		0.00
75) Chrysene-d12	21.39	240	169028	20.00	ng		-0.01
86) Perylene-d12	23.09	264	145512	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	251129	105.84	ng		0.00
7) Phenol-d6	7.52	99	323307	111.57	ng		0.00
23) Nitrobenzene-d5	9.43	82	196497	67.24	ng		0.00
41) 2,4,6-Tribromophenol	16.81	330	86625	100.78	ng		0.00
44) 2-Fluorobiphenyl	13.69	172	423828	64.86	ng		-0.01
78) Terphenyl-d14	20.12	244	477883	62.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.41	88	26232	25.86	ng	#	100
3) Pyridine	1.92	79	65737	25.75	ng		99
4) n-Nitrosodimethylamine	1.86	42	41628	33.70	ng		92
6) Aniline	7.42	93	74412	17.98	ng	#	81
8) 2-Chlorophenol	7.66	128	90465	33.29	ng		96
9) Benzaldehyde	7.14	77	57227	25.96	ng		96
10) Phenol	7.54	94	110652	31.46	ng		80
11) bis(2-Chloroethyl)ether	7.66	93	80635	31.85	ng	#	71
12) 1,3-Dichlorobenzene	7.98	146	96350	30.54	ng		95
13) 1,4-Dichlorobenzene	8.17	146	98231	30.75	ng		98
14) 1,2-Dichlorobenzene	8.48	146	94139	31.07	ng		95
15) Benzyl Alcohol	8.55	79	80304	32.00	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.90	45	107362	29.27	ng	#	31
17) 2-Methylphenol	8.89	107	73599	32.96	ng		91
18) Hexachloroethane	9.24	117	36093	31.61	ng		92
19) n-Nitroso-di-n-propylamine	9.18	70	66876	31.60	ng		98
20) 3+4-Methylphenols	9.28	107	95635	31.72	ng		96
22) Acetophenone	9.11	105	136508	32.77	ng	#	94
24) Nitrobenzene	9.46	77	99603	32.87	ng		99
25) Isophorone	10.06	82	180035	31.96	ng		94
26) 2-Nitrophenol	10.21	139	47540	32.13	ng	#	87
27) 2,4-Dimethylphenol	10.47	122	83402	34.82	ng		98
28) bis(2-Chloroethoxy)methane	10.69	93	107496	32.51	ng		99
29) 2,4-Dichlorophenol	10.80	162	82885	35.21	ng		95
30) 1,2,4-Trichlorobenzene	10.95	180	78035	30.75	ng		97
31) Naphthalene	11.09	128	264801	30.76	ng		98
32) Benzoic acid	10.80	122	44207m	32.45	ng		
33) 4-Chloroaniline	11.33	127	66365	18.88	ng		96
34) Hexachlorobutadiene	11.45	225	44893	30.43	ng		92
35) Caprolactam	12.15	113	23194m	34.17	ng		
36) 4-Chloro-3-methylphenol	12.62	107	89868	34.30	ng		98
37) 2-Methylnaphthalene	12.75	142	195815	32.60	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	77548	31.00	ng	#	79
40) Hexachlorocyclopentadiene	13.13	237	83074	59.28	ng		93

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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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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.49	196	58189	32.06	ng		97
43) 2,4,5-Trichlorophenol	13.57	196	60806	31.14	ng	#	92
45) 1,1'-Biphenyl	13.90	154	236993	31.37	ng		99
46) 2-Chloronaphthalene	13.88	162	189334	31.60	ng		97
47) 2-Nitroaniline	14.21	65	61902	33.96	ng		90
48) Acenaphthylene	14.84	152	313207	30.73	ng		99
49) Dimethylphthalate	14.77	163	241817	33.61	ng	#	99
50) 2,6-Dinitrotoluene	14.86	165	48815	33.12	ng	#	69
51) Acenaphthene	15.26	154	175900	30.51	ng		98
52) 3-Nitroaniline	15.21	138	42443	25.36	ng		91
53) 2,4-Dinitrophenol	15.49	184	28859	43.13	ng		92
54) Dibenzofuran	15.67	168	282267	33.84	ng		99
55) 4-Nitrophenol	15.77	139	77759	60.60	ng	#	83
56) 2,4-Dinitrotoluene	15.77	165	70126	35.70	ng	#	54
57) Fluorene	16.37	166	232648	33.21	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.99	232	45884	31.60	ng	#	100
59) Diethylphthalate	16.35	149	242464	33.00	ng		98
60) 4-Chlorophenyl-phenylether	16.45	204	99657	32.87	ng	#	82
61) 4-Nitroaniline	16.49	138	52756	29.99	ng		96
62) Azobenzene	16.72	77	245525	33.91	ng		90
64) 4,6-Dinitro-2-methylphenol	16.56	198	28906	25.80	ng	#	74
65) n-Nitrosodiphenylamine	16.68	169	194492	30.91	ng		98
66) 4-Bromophenyl-phenylether	17.27	248	59144	33.90	ng		85
67) Hexachlorobenzene	17.29	284	60496	29.71	ng	#	88
68) Atrazine	17.63	200	69823	37.14	ng		97
69) Pentachlorophenol	17.65	266	45004	45.14	ng		98
70) Phenanthrene	17.93	178	338868	31.35	ng		98
71) Anthracene	18.00	178	333428	31.45	ng		98
72) Carbazole	18.29	167	326505	31.75	ng		100
73) Di-n-butylphthalate	18.86	149	400660	31.72	ng		98
74) Fluoranthene	19.57	202	358920	32.52	ng		95
76) Benzidine	19.80	184	208850	29.65	ng		99
77) Pyrene	19.85	202	368660	31.18	ng		98
79) Butylbenzylphthalate	20.77	149	176176	31.16	ng	#	81
80) Benzo(a)anthracene	21.37	228	316186	30.04	ng		98
81) 3,3'-Dichlorobenzidine	21.39	252	69271	19.69	ng		98
82) Chrysene	21.42	228	306450	31.82	ng		99
83) Bis(2-ethylhexyl)phthalate	21.51	149	250939	29.34	ng		97
84) Di-n-octyl phthalate	22.30	149	414033	28.35	ng		100
85) Indeno(1,2,3-cd)pyrene	24.28	276	302605	28.63	ng		96
87) Benzo(b)fluoranthene	22.65	252	313074	32.61	ng	#	97
88) Benzo(k)fluoranthene	22.69	252	265158m	29.66	ng		
89) Benzo(a)pyrene	23.03	252	282735	33.01	ng	#	98
90) Dibenzo(a,h)anthracene	24.30	278	250686	29.53	ng		98
91) Benzo(g,h,i)perylene	24.59	276	249671	30.22	ng		97

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

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