Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
Data File : BF078734.D
Acq On : 23 Apr 2015 00:43
Operator : TP/IZ
Sample : PB82927BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82927BS

Manual Integrations APPROVED
apatel
4/23/2015 2:15:18 PM

Quant Time: Apr 23 01:46:13 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 00:55:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.78	152	23063	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	94244	20.00	ng		-0.01
38) Acenaphthene-d10	11.13	164	48718	20.00	ng		0.00
63) Phenanthrene-d10	13.86	188	101399	20.00	ng		0.00
75) Chrysene-d12	17.74	240	111953	20.00	ng		0.00
86) Perylene-d12	19.41	264	110156	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	3.80	112	152146	108.77	ng		0.00
7) Phenol-d6	5.29	99	196277	111.97	ng		0.00
23) Nitrobenzene-d5	6.73	82	110924	71.34	ng		0.00
41) 2,4,6-Tribromophenol	12.61	330	51472	127.39	ng		0.00
44) 2-Fluorobiphenyl	9.96	172	250558	73.52	ng		0.00
78) Terphenyl-d14	16.40	244	322460	65.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.37	88	14943	23.62	ng	#	23
3) Pyridine	1.86	79	45742	27.61	ng		97
4) n-Nitrosodimethylamine	1.82	42	20608	32.31	ng		85
6) Aniline	5.27	93	40723	16.38	ng		91
8) 2-Chlorophenol	5.45	128	56852	34.37	ng		95
9) Benzaldehyde	5.10	77	6255	5.38	ng		94
10) Phenol	5.31	94	69240	32.96	ng		100
11) bis(2-Chloroethyl)ether	5.42	93	50013	33.11	ng		98
12) 1,3-Dichlorobenzene	5.68	146	57908	31.87	ng		97
13) 1,4-Dichlorobenzene	5.82	146	59195	32.37	ng		98
14) 1,2-Dichlorobenzene	6.04	146	55944	32.63	ng		98
15) Benzyl Alcohol	6.07	79	45931	37.29	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.31	45	65367	32.44	ng		87
17) 2-Methylphenol	6.28	107	44367	34.55	ng		95
18) Hexachloroethane	6.59	117	19657	31.87	ng	#	83
19) n-Nitroso-di-n-propylamine	6.51	70	38641	33.41	ng	#	88
20) 3+4-Methylphenols	6.57	107	58830	34.34	ng		93
22) Acetophenone	6.48	105	78175	35.60	ng	#	89
24) Nitrobenzene	6.75	77	55951	34.42	ng	#	81
25) Isophorone	7.19	82	100831	34.17	ng		95
26) 2-Nitrophenol	7.31	139	27070	34.95	ng		98
27) 2,4-Dimethylphenol	7.47	122	50487	35.05	ng		97
28) bis(2-Chloroethoxy)methane	7.63	93	63864	33.75	ng		99
29) 2,4-Dichlorophenol	7.75	162	47417	36.19	ng		91
30) 1,2,4-Trichlorobenzene	7.86	180	48474	32.26	ng		96
31) Naphthalene	7.99	128	164323	33.50	ng		99
32) Benzoic acid	7.69	122	26903	40.72	ng		94
33) 4-Chloroaniline	8.15	127	38806	19.06	ng		98
34) Hexachlorobutadiene	8.24	225	27370	33.18	ng		97
35) Caprolactam	8.76	113	14973	38.28	ng	#	91
36) 4-Chloro-3-methylphenol	9.11	107	49644	37.55	ng	#	86
37) 2-Methylnaphthalene	9.24	142	114078	34.25	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	49127	32.54	ng		97
40) Hexachlorocyclopentadiene	9.54	237	34277	55.07	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	34111	35.83	ng		99
43) 2,4,5-Trichlorophenol	9.87	196	36320	36.52	ng		93
45) 1,1'-Biphenyl	10.12	154	137758	34.57	ng		98
46) 2-Chloronaphthalene	10.12	162	106428	33.94	ng		99
47) 2-Nitroaniline	10.36	65	30224	38.96	ng		87
48) Acenaphthylene	10.87	152	177268	35.01	ng		100
49) Dimethylphthalate	10.76	163	132863	36.30	ng		99
50) 2,6-Dinitrotoluene	10.86	165	27599	36.65	ng	#	39
51) Acenaphthene	11.19	154	101717	35.68	ng		98
52) 3-Nitroaniline	11.14	138	24021	28.05	ng		94
53) 2,4-Dinitrophenol	11.37	184	17491	65.73	ng		92
54) Dibenzofuran	11.52	168	161727	37.15	ng		97
55) 4-Nitrophenol	11.56	139	34432	55.49	ng	#	75
56) 2,4-Dinitrotoluene	11.60	165	39169	40.16	ng		92
57) Fluorene	12.15	166	134426	38.09	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.79	232	26528	35.98	ng	#	98
59) Diethylphthalate	12.09	149	133580	37.85	ng		98
60) 4-Chlorophenyl-phenylether	12.22	204	60087	37.01	ng	#	86
61) 4-Nitroaniline	12.26	138	29522	34.11	ng		98
62) Azobenzene	12.50	77	125569	38.99	ng		92
64) 4,6-Dinitro-2-methylphenol	12.34	198	15238	33.44	ng	#	77
65) n-Nitrosodiphenylamine	12.45	169	113862	32.46	ng		97
66) 4-Bromophenyl-phenylether	13.11	248	37489	34.91	ng		92
67) Hexachlorobenzene	13.14	284	38862	33.02	ng	#	90
68) Atrazine	13.52	200	43941	43.25	ng		97
69) Pentachlorophenol	13.55	266	27548	55.43	ng		99
70) Phenanthrene	13.91	178	198906	33.91	ng		100
71) Anthracene	14.00	178	204901	35.45	ng		99
72) Carbazole	14.33	167	194389	35.89	ng		99
73) Di-n-butylphthalate	15.02	149	226916	36.98	ng		100
74) Fluoranthene	15.81	202	225543	36.46	ng		91
76) Benzidine	16.06	184	82127	19.05	ng		97
77) Pyrene	16.11	202	236678	33.68	ng		99
79) Butylbenzylphthalate	17.10	149	101621	37.94	ng		97
80) Benzo(a)anthracene	17.73	228	223106	33.49	ng		99
81) 3,3'-Dichlorobenzidine	17.74	252	53489	23.98	ng		98
82) Chrysene	17.77	228	214640	34.30	ng		99
83) Bis(2-ethylhexyl)phthalate	17.86	149	154589	36.80	ng	#	95
84) Di-n-octyl phthalate	18.64	149	273483	39.65	ng	#	100
85) Indeno(1,2,3-cd)pyrene	20.53	276	247472	34.85	ng	#	88
87) Benzo(b)fluoranthene	18.99	252	252901	37.15	ng	#	97
88) Benzo(k)fluoranthene	19.03	252	184370m	30.47	ng		
89) Benzo(a)pyrene	19.35	252	220126	37.05	ng		98
90) Dibenzo(a,h)anthracene	20.55	278	201494	33.87	ng		98
91) Benzo(g,h,i)perylene	20.83	276	203069	34.05	ng		97

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

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