Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033015\
Data File : BF078095.D
Acq On : 30 Mar 2015 21:42
Operator : TP/IZ
Sample : PB82419BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82419BS

Manual Integrations APPROVED
apatel
3/31/2015 2:17:21 PM

Quant Time: Mar 31 02:21:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 31 01:02:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.06	152	36711	20.00	ng		0.00
21) Naphthalene-d8	8.64	136	157963	20.00	ng		0.00
38) Acenaphthene-d10	10.81	164	76531	20.00	ng		0.00
63) Phenanthrene-d10	12.65	188	149794	20.00	ng		0.00
75) Chrysene-d12	15.93	240	158007	20.00	ng		-0.01
86) Perylene-d12	17.63	264	151958	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	278628	132.48	ng		0.00
7) Phenol-d6	6.65	99	326920	125.81	ng		0.00
23) Nitrobenzene-d5	7.76	82	191803	79.59	ng		0.00
41) 2,4,6-Tribromophenol	11.79	330	85998	117.45	ng		0.00
44) 2-Fluorobiphenyl	9.98	172	428835	82.35	ng		0.00
78) Terphenyl-d14	14.64	244	497056	76.84	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	34149	35.76	ng	#	100
3) Pyridine	2.58	79	95993	37.41	ng		98
4) n-Nitrosodimethylamine	2.52	42	43759m	39.17	ng		
6) Aniline	6.65	93	86747	23.34	ng	#	78
8) 2-Chlorophenol	6.80	128	110785	44.25	ng		98
9) Benzaldehyde	6.51	77	3447	3.24	ng		98
10) Phenol	6.67	94	132612	43.17	ng	#	69
11) bis(2-Chloroethyl)ether	6.76	93	103175	44.84	ng		99
12) 1,3-Dichlorobenzene	6.98	146	112249	40.31	ng		97
13) 1,4-Dichlorobenzene	7.08	146	116248	40.18	ng		96
14) 1,2-Dichlorobenzene	7.26	146	109029	41.11	ng		96
15) Benzyl Alcohol	7.25	79	81127	40.00	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.44	45	127857	41.24	ng		99
17) 2-Methylphenol	7.41	107	88746	43.55	ng		98
18) Hexachloroethane	7.68	117	37396	39.41	ng		92
19) n-Nitroso-di-n-propylamine	7.58	70	70882	39.43	ng		98
20) 3+4-Methylphenols	7.61	107	112158	41.94	ng		97
22) Acetophenone	7.57	105	144396	41.29	ng	#	97
24) Nitrobenzene	7.78	77	103337	39.80	ng		95
25) Isophorone	8.08	82	184216	37.85	ng	#	90
26) 2-Nitrophenol	8.18	139	51492	40.51	ng		97
27) 2,4-Dimethylphenol	8.25	122	93326	40.31	ng		92
28) bis(2-Chloroethoxy)methane	8.37	93	120023	40.63	ng	#	97
29) 2,4-Dichlorophenol	8.48	162	91148	41.30	ng		94
30) 1,2,4-Trichlorobenzene	8.57	180	93780	37.98	ng		95
31) Naphthalene	8.66	128	304424	37.52	ng		99
32) Benzoic acid	8.37	122	40368	32.33	ng		95
33) 4-Chloroaniline	8.75	127	72793	22.11	ng		99
34) Hexachlorobutadiene	8.82	225	53196	38.01	ng		98
35) Caprolactam	9.17	113	27000	41.86	ng	#	83
36) 4-Chloro-3-methylphenol	9.37	107	94815	42.70	ng		93
37) 2-Methylnaphthalene	9.53	142	211158	38.74	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.72	216	91455	40.07	ng	#	100
40) Hexachlorocyclopentadiene	9.71	237	85961	75.42	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.88	196	64863	41.02	ng		97
43) 2,4,5-Trichlorophenol	9.93	196	66080	38.68	ng	#	82
45) 1,1'-Biphenyl	10.11	154	250020	40.87	ng		98
46) 2-Chloronaphthalene	10.12	162	199308	40.09	ng		94
47) 2-Nitroaniline	10.26	65	53044	42.96	ng		89
48) Acenaphthylene	10.64	152	319841	38.69	ng		99
49) Dimethylphthalate	10.50	163	231625	40.81	ng		100
50) 2,6-Dinitrotoluene	10.57	165	51218	43.53	ng		93
51) Acenaphthene	10.84	154	181062	38.20	ng		99
52) 3-Nitroaniline	10.77	138	41400	30.30	ng		88
53) 2,4-Dinitrophenol	10.91	184	22795	55.48	ng	#	79
54) Dibenzofuran	11.06	168	284215	40.42	ng		94
55) 4-Nitrophenol	11.01	139	81535	80.55	ng		89
56) 2,4-Dinitrotoluene	11.07	165	69669	45.41	ng	#	61
57) Fluorene	11.48	166	231205	39.61	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.22	232	52133	39.64	ng	#	100
59) Diethylphthalate	11.38	149	229365	41.47	ng		99
60) 4-Chlorophenyl-phenylether	11.50	204	106302	39.90	ng		92
61) 4-Nitroaniline	11.53	138	52155	38.30	ng		82
62) Azobenzene	11.70	77	217275	41.10	ng		94
64) 4,6-Dinitro-2-methylphenol	11.57	198	20447	30.62	ng	#	70
65) n-Nitrosodiphenylamine	11.65	169	205595	41.22	ng		99
66) 4-Bromophenyl-phenylether	12.10	248	63233	39.56	ng	#	81
67) Hexachlorobenzene	12.16	284	68729	39.13	ng	#	88
68) Atrazine	12.33	200	62350	44.61	ng		97
69) Pentachlorophenol	12.42	266	57420	63.09	ng		97
70) Phenanthrene	12.67	178	341224	39.68	ng		99
71) Anthracene	12.74	178	351884	41.42	ng		99
72) Carbazole	12.95	167	334229	41.36	ng		100
73) Di-n-butylphthalate	13.40	149	373434	41.21	ng		99
74) Fluoranthene	14.15	202	372528	39.28	ng		96
76) Benzidine	14.34	184	182454	46.77	ng		99
77) Pyrene	14.42	202	396943	39.95	ng		99
79) Butylbenzylphthalate	15.27	149	158439	40.44	ng		94
80) Benzo(a)anthracene	15.92	228	374623	40.00	ng		99
81) 3,3'-Dichlorobenzidine	15.89	252	73423	23.76	ng	#	98
82) Chrysene	15.95	228	349546	41.50	ng		99
83) Bis(2-ethylhexyl)phthalate	15.99	149	238239	40.15	ng	#	96
84) Di-n-octyl phthalate	16.77	149	399700	39.39	ng		100
85) Indeno(1,2,3-cd)pyrene	18.97	276	407959	38.81	ng	#	100
87) Benzo(b)fluoranthene	17.20	252	365529	36.85	ng	#	96
88) Benzo(k)fluoranthene	17.23	252	361023m	46.59	ng		
89) Benzo(a)pyrene	17.57	252	355134	42.90	ng		98
90) Dibenzo(a,h)anthracene	19.00	278	328369	40.00	ng		99
91) Benzo(g,h,i)perylene	19.37	276	336712	40.29	ng		98

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

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