Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
Data File : BF077966.D
Acq On : 25 Mar 2015 22:16
Operator : TP/IZ
Sample : PB82320BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82320BSD

Quant Time: Mar 26 04:14:37 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 26 00:45:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	46825	20.00	ng		0.00
21) Naphthalene-d8	8.67	136	191008	20.00	ng		0.00
38) Acenaphthene-d10	10.84	164	97985	20.00	ng		0.00
63) Phenanthrene-d10	12.67	188	194378	20.00	ng		-0.01
75) Chrysene-d12	15.96	240	211475	20.00	ng		-0.01
86) Perylene-d12	17.70	264	209697	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	266236	99.25	ng		0.00
7) Phenol-d6	6.67	99	321563	97.02	ng		0.00
23) Nitrobenzene-d5	7.79	82	193233	66.31	ng		0.00
41) 2,4,6-Tribromophenol	11.83	330	85630	91.34	ng		0.00
44) 2-Fluorobiphenyl	10.02	172	428019	64.20	ng		0.00
78) Terphenyl-d14	14.67	244	514580	59.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.97	88	31410	25.79	ng	#	100
3) Pyridine	2.64	79	89870	27.46	ng		99
4) n-Nitrosodimethylamine	2.57	42	41647	29.23	ng		95
6) Aniline	6.68	93	78857	16.63	ng	#	53
8) 2-Chlorophenol	6.83	128	106348	33.31	ng		89
9) Benzaldehyde	6.54	77	4784	3.52	ng		97
10) Phenol	6.69	94	128856	32.89	ng	#	72
11) bis(2-Chloroethyl)ether	6.78	93	93776	31.96	ng		86
12) 1,3-Dichlorobenzene	7.01	146	111846	31.49	ng		97
13) 1,4-Dichlorobenzene	7.12	146	112701	30.54	ng		98
14) 1,2-Dichlorobenzene	7.30	146	108056	31.94	ng		99
15) Benzyl Alcohol	7.29	79	84818	32.78	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.46	45	125512	31.74	ng		98
17) 2-Methylphenol	7.44	107	84870	32.65	ng		98
18) Hexachloroethane	7.71	117	37513	31.00	ng		95
19) n-Nitroso-di-n-propylamine	7.62	70	73456	32.04	ng		98
20) 3+4-Methylphenols	7.63	107	112091	32.86	ng		95
22) Acetophenone	7.61	105	144684	34.22	ng	#	95
24) Nitrobenzene	7.81	77	107328	34.19	ng		92
25) Isophorone	8.11	82	184955	31.43	ng	#	93
26) 2-Nitrophenol	8.21	139	50119	32.61	ng		93
27) 2,4-Dimethylphenol	8.28	122	97554	34.84	ng		97
28) bis(2-Chloroethoxy)methane	8.40	93	119355	33.42	ng		99
29) 2,4-Dichlorophenol	8.51	162	91639	34.34	ng		99
30) 1,2,4-Trichlorobenzene	8.60	180	91625	30.68	ng		97
31) Naphthalene	8.69	128	301719	30.76	ng		100
32) Benzoic acid	8.40	122	39697	26.87	ng		97
33) 4-Chloroaniline	8.77	127	64139	16.11	ng	#	90
34) Hexachlorobutadiene	8.85	225	53495	31.61	ng		98
35) Caprolactam	9.21	113	28396	36.41	ng		89
36) 4-Chloro-3-methylphenol	9.39	107	90152	33.57	ng		83
37) 2-Methylnaphthalene	9.56	142	212130	32.19	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.77	216	89208	30.52	ng	#	100
40) Hexachlorocyclopentadiene	9.74	237	87346	60.51	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.92	196	65090	32.15	ng		98
43) 2,4,5-Trichlorophenol	9.96	196	70039	32.02	ng	#	92
45) 1,1'-Biphenyl	10.13	154	244470	31.21	ng		96
46) 2-Chloronaphthalene	10.16	162	200998	31.58	ng		94
47) 2-Nitroaniline	10.29	65	58912	37.26	ng		97
48) Acenaphthylene	10.67	152	320369	30.27	ng		99
49) Dimethylphthalate	10.53	163	246110	33.86	ng		99
50) 2,6-Dinitrotoluene	10.60	165	52352	34.75	ng		95
51) Acenaphthene	10.88	154	183733	30.27	ng		99
52) 3-Nitroaniline	10.81	138	38841	22.20	ng		97
53) 2,4-Dinitrophenol	10.95	184	39820	72.76	ng	#	66
54) Dibenzofuran	11.09	168	289099	32.12	ng		93
55) 4-Nitrophenol	11.04	139	91919	70.93	ng		95
56) 2,4-Dinitrotoluene	11.09	165	69335	35.30	ng		90
57) Fluorene	11.52	166	233295	31.21	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.25	232	58303	34.62	ng	#	100
59) Diethylphthalate	11.40	149	231930	32.75	ng		96
60) 4-Chlorophenyl-phenylether	11.53	204	110446	32.38	ng		91
61) 4-Nitroaniline	11.56	138	57537	33.00	ng		96
62) Azobenzene	11.72	77	218251	32.25	ng		93
64) 4,6-Dinitro-2-methylphenol	11.60	198	30365	34.42	ng		93
65) n-Nitrosodiphenylamine	11.68	169	203212	31.40	ng		100
66) 4-Bromophenyl-phenylether	12.13	248	64854	31.26	ng	#	88
67) Hexachlorobenzene	12.19	284	72584	31.84	ng		94
68) Atrazine	12.36	200	64633	35.63	ng		98
69) Pentachlorophenol	12.44	266	72686	61.62	ng		97
70) Phenanthrene	12.71	178	365528	32.76	ng		99
71) Anthracene	12.77	178	364536	33.07	ng		99
72) Carbazole	12.98	167	359097	34.24	ng		99
73) Di-n-butylphthalate	13.44	149	400719	34.08	ng		99
74) Fluoranthene	14.18	202	402342	32.69	ng		99
76) Benzidine	14.36	184	162054	30.87	ng		100
77) Pyrene	14.45	202	417371	31.39	ng		100
79) Butylbenzylphthalate	15.29	149	178961	34.13	ng	#	85
80) Benzo(a)anthracene	15.95	228	409022	32.63	ng		99
81) 3,3'-Dichlorobenzidine	15.93	252	87656	21.20	ng		99
82) Chrysene	15.99	228	386432	34.28	ng		99
83) Bis(2-ethylhexyl)phthalate	16.02	149	270578	34.07	ng		98
84) Di-n-octyl phthalate	16.82	149	461744	34.00	ng		99
85) Indeno(1,2,3-cd)pyrene	19.07	276	439494	31.24	ng	#	100
87) Benzo(b)fluoranthene	17.25	252	385261	28.14	ng		97
88) Benzo(k)fluoranthene	17.29	252	396831m	37.11	ng		
89) Benzo(a)pyrene	17.64	252	387597	33.93	ng		99
90) Dibenzo(a,h)anthracene	19.09	278	366976	32.39	ng		99
91) Benzo(g,h,i)perylene	19.46	276	368484	31.95	ng		97

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

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