Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
Data File : BF077671.D
Acq On : 10 Mar 2015 20:03
Operator : TP/IZ
Sample : G1440-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2(8-9)MS

Manual Integrations APPROVED
mohammad
3/12/2015 2:21:57 PM

Quant Time: Mar 11 02:01:48 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 11 00:54:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	53223	20.00	ng		0.00
21) Naphthalene-d8	8.76	136	210309	20.00	ng		0.00
38) Acenaphthene-d10	10.93	164	103117	20.00	ng		0.00
63) Phenanthrene-d10	12.77	188	198793	20.00	ng		0.00
75) Chrysene-d12	16.06	240	218601	20.00	ng		-0.02
86) Perylene-d12	17.85	264	220568	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	307753	96.53	ng		0.00
7) Phenol-d6	6.75	99	406720	99.22	ng		0.00
23) Nitrobenzene-d5	7.88	82	226255	66.90	ng		0.00
41) 2,4,6-Tribromophenol	11.91	330	98852	99.56	ng		0.00
44) 2-Fluorobiphenyl	10.11	172	465263	70.35	ng		0.00
78) Terphenyl-d14	14.76	244	558164	59.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	35547	26.28	ng	#	93
3) Pyridine	2.83	79	96643	24.97	ng		97
4) n-Nitrosodimethylamine	2.73	42	47169	28.03	ng		96
6) Aniline	6.77	93	89025	15.71	ng	#	75
8) 2-Chlorophenol	6.91	128	113842	30.27	ng		99
9) Benzaldehyde	6.63	77	13773	5.53	ng		85
10) Phenol	6.76	94	151821	31.22	ng		83
11) bis(2-Chloroethyl)ether	6.88	93	111684	31.96	ng		96
12) 1,3-Dichlorobenzene	7.11	146	119777	29.25	ng		96
13) 1,4-Dichlorobenzene	7.21	146	120911	29.02	ng		100
14) 1,2-Dichlorobenzene	7.39	146	116709	29.45	ng		100
15) Benzyl Alcohol	7.37	79	92905	29.82	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.55	45	146820	29.39	ng		99
17) 2-Methylphenol	7.52	107	92792	31.57	ng		98
18) Hexachloroethane	7.81	117	40561	29.15	ng	#	79
19) n-Nitroso-di-n-propylamine	7.70	70	86525	33.24	ng		98
20) 3+4-Methylphenols	7.71	107	118271	30.55	ng	#	73
22) Acetophenone	7.69	105	151782	30.68	ng	#	90
24) Nitrobenzene	7.90	77	113123	31.79	ng		99
25) Isophorone	8.20	82	221711	33.04	ng	#	97
26) 2-Nitrophenol	8.30	139	54657	37.48	ng		94
27) 2,4-Dimethylphenol	8.36	122	102152	31.31	ng		98
28) bis(2-Chloroethoxy)methane	8.48	93	129393	30.53	ng	#	93
29) 2,4-Dichlorophenol	8.59	162	98039	32.01	ng		91
30) 1,2,4-Trichlorobenzene	8.69	180	101590	30.17	ng		100
31) Naphthalene	8.79	128	351204	33.39	ng		99
32) Benzoic acid	8.45	122	26178	16.51	ng	#	47
33) 4-Chloroaniline	8.86	127	85949	18.38	ng		96
34) Hexachlorobutadiene	8.94	225	56367	29.32	ng		98
35) Caprolactam	9.28	113	28049	30.00	ng	#	69
36) 4-Chloro-3-methylphenol	9.47	107	99332	32.26	ng		96
37) 2-Methylnaphthalene	9.65	142	435496	58.31	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	95174	32.17	ng	#	97
40) Hexachlorocyclopentadiene	9.84	237	82666	52.11	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.00	196	68144	34.78	ng		100
43) 2,4,5-Trichlorophenol	10.04	196	71199	33.98	ng	#	84
45) 1,1'-Biphenyl	10.23	154	255080	32.65	ng		97
46) 2-Chloronaphthalene	10.25	162	210178	34.30	ng		97
47) 2-Nitroaniline	10.38	65	54620	36.22	ng		98
48) Acenaphthylene	10.76	152	341790	35.24	ng		98
49) Dimethylphthalate	10.62	163	274658	37.89	ng		99
50) 2,6-Dinitrotoluene	10.69	165	51895	35.70	ng	#	32
51) Acenaphthene	10.97	154	201408	34.80	ng		100
52) 3-Nitroaniline	10.89	138	57859	34.52	ng	#	90
53) 2,4-Dinitrophenol	11.03	184	27254	61.62	ng	#	75
54) Dibenzofuran	11.19	168	309741	34.66	ng		94
55) 4-Nitrophenol	11.10	139	102173	75.80	ng	#	71
56) 2,4-Dinitrotoluene	11.18	165	79450	40.45	ng	#	84
57) Fluorene	11.61	166	279812	39.16	ng		96
58) 2,3,4,6-Tetrachlorophenol	11.34	232	55170	32.75	ng	#	75
59) Diethylphthalate	11.49	149	235225	32.92	ng		98
60) 4-Chlorophenyl-phenylether	11.62	204	106375	30.90	ng	#	85
61) 4-Nitroaniline	11.64	138	55944	34.83	ng		89
62) Azobenzene	11.82	77	233960	34.51	ng		94
64) 4,6-Dinitro-2-methylphenol	11.68	198	24682	32.42	ng	#	57
65) n-Nitrosodiphenylamine	11.77	169	279161	42.32	ng		93
66) 4-Bromophenyl-phenylether	12.23	248	67432	28.97	ng	#	90
67) Hexachlorobenzene	12.29	284	70321	28.14	ng	#	92
68) Atrazine	12.44	200	73698	34.37	ng		98
69) Pentachlorophenol	12.54	266	79958	60.89	ng		99
70) Phenanthrene	12.80	178	443510	38.49	ng		99
71) Anthracene	12.86	178	371876	32.52	ng		99
72) Carbazole	13.07	167	357622	32.90	ng		99
73) Di-n-butylphthalate	13.52	149	401288	31.43	ng		99
74) Fluoranthene	14.27	202	405837	32.25	ng		97
76) Benzidine	14.46	184	218176	29.54	ng		98
77) Pyrene	14.55	202	434204	32.47	ng		99
79) Butylbenzylphthalate	15.38	149	179371	32.60	ng	#	83
80) Benzo(a)anthracene	16.05	228	416281	32.49	ng		99
81) 3,3'-Dichlorobenzidine	16.03	252	103430	22.03	ng	#	98
82) Chrysene	16.10	228	385857	32.07	ng		97
83) Bis(2-ethylhexyl)phthalate	16.12	149	266283	30.18	ng		97
84) Di-n-octyl phthalate	16.94	149	466439	31.67	ng		98
85) Indeno(1,2,3-cd)pyrene	19.28	276	453653m	33.07	ng		
87) Benzo(b)fluoranthene	17.39	252	400964	31.26	ng	#	97
88) Benzo(k)fluoranthene	17.43	252	409745m	32.60	ng		
89) Benzo(a)pyrene	17.79	252	388839	31.83	ng		97
90) Dibenzo(a,h)anthracene	19.30	278	381096	32.71	ng		97
91) Benzo(g,h,i)perylene	19.68	276	386140	32.84	ng		99

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

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