Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF031015\
Data File : BF077659.D
Acq On : 10 Mar 2015 14:20
Operator : TP/IZ
Sample : PB81894BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81894BS

Manual Integrations APPROVED
mohammad
3/12/2015 2:21:39 PM

Quant Time: Mar 11 01:27:49 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	53337	20.00	ng		0.00
21) Naphthalene-d8	8.76	136	215875	20.00	ng		0.00
38) Acenaphthene-d10	10.93	164	109622	20.00	ng		0.00
63) Phenanthrene-d10	12.77	188	216875	20.00	ng		0.00
75) Chrysene-d12	16.06	240	233608	20.00	ng		-0.03
86) Perylene-d12	17.80	264	225375	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	242054	75.76	ng		0.00
7) Phenol-d6	6.75	99	315860	76.89	ng		0.00
23) Nitrobenzene-d5	7.88	82	235238	67.76	ng		0.00
41) 2,4,6-Tribromophenol	11.91	330	84506	80.06	ng		0.00
44) 2-Fluorobiphenyl	10.11	172	533296	75.86	ng		0.00
78) Terphenyl-d14	14.76	244	636889	63.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	46817	34.53	ng		95
3) Pyridine	2.82	79	154345	39.79	ng		90
4) n-Nitrosodimethylamine	2.73	42	69067	40.96	ng		88
6) Aniline	6.77	93	105934	18.66	ng	#	51
8) 2-Chlorophenol	6.92	128	148721	39.46	ng		97
9) Benzaldehyde	6.63	77	17908	7.18	ng		83
10) Phenol	6.77	94	172996	35.49	ng		77
11) bis(2-Chloroethyl)ether	6.88	93	137647	39.30	ng		95
12) 1,3-Dichlorobenzene	7.11	146	154915	37.75	ng		96
13) 1,4-Dichlorobenzene	7.21	146	157436	37.71	ng		99
14) 1,2-Dichlorobenzene	7.39	146	151194	38.07	ng		99
15) Benzyl Alcohol	7.37	79	117079	37.49	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.55	45	180083	35.97	ng		99
17) 2-Methylphenol	7.52	107	118449	40.21	ng		98
18) Hexachloroethane	7.81	117	51052	36.61	ng	#	79
19) n-Nitroso-di-n-propylamine	7.70	70	96200	36.88	ng		98
20) 3+4-Methylphenols	7.71	107	154711	39.87	ng	#	73
22) Acetophenone	7.69	105	200858	39.55	ng	#	81
24) Nitrobenzene	7.90	77	144457	39.55	ng		98
25) Isophorone	8.20	82	270379	39.26	ng		96
26) 2-Nitrophenol	8.29	139	74113	49.51	ng		97
27) 2,4-Dimethylphenol	8.36	122	139974	41.79	ng		99
28) bis(2-Chloroethoxy)methane	8.48	93	168080	38.63	ng		99
29) 2,4-Dichlorophenol	8.59	162	125503	39.92	ng		91
30) 1,2,4-Trichlorobenzene	8.69	180	131814	38.14	ng		99
31) Naphthalene	8.79	128	420637	38.96	ng		99
32) Benzoic acid	8.46	122	78934	48.50	ng		98
33) 4-Chloroaniline	8.87	127	84101	17.52	ng		95
34) Hexachlorobutadiene	8.94	225	74114	37.56	ng		100
35) Caprolactam	9.29	113	40939	42.66	ng		88
36) 4-Chloro-3-methylphenol	9.47	107	128422	40.63	ng		96
37) 2-Methylnaphthalene	9.65	142	291734	38.05	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	129549	41.19	ng		97
40) Hexachlorocyclopentadiene	9.84	237	131216	77.80	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.00	196	92494	44.40	ng		98
43) 2,4,5-Trichlorophenol	10.04	196	102139	45.86	ng	#	89
45) 1,1'-Biphenyl	10.23	154	352571	42.45	ng		98
46) 2-Chloronaphthalene	10.25	162	290788	44.64	ng		95
47) 2-Nitroaniline	10.38	65	75023	46.79	ng		96
48) Acenaphthylene	10.76	152	452190	43.85	ng		97
49) Dimethylphthalate	10.62	163	330303	42.87	ng		99
50) 2,6-Dinitrotoluene	10.69	165	73628	47.65	ng		98
51) Acenaphthene	10.97	154	255048	41.45	ng		99
52) 3-Nitroaniline	10.89	138	46504	26.10	ng		89
53) 2,4-Dinitrophenol	11.02	184	57553	122.40	ng	#	89
54) Dibenzofuran	11.19	168	409766	43.13	ng		99
55) 4-Nitrophenol	11.11	139	122421	85.43	ng	#	67
56) 2,4-Dinitrotoluene	11.18	165	104575	50.08	ng	#	91
57) Fluorene	11.61	166	327442	43.11	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.34	232	81032	45.25	ng		98
59) Diethylphthalate	11.49	149	330154	43.46	ng		99
60) 4-Chlorophenyl-phenylether	11.62	204	157409	43.01	ng		94
61) 4-Nitroaniline	11.64	138	75548	44.24	ng		91
62) Azobenzene	11.82	77	304839	42.29	ng		96
64) 4,6-Dinitro-2-methylphenol	11.68	198	38407	44.66	ng		99
65) n-Nitrosodiphenylamine	11.77	169	294434	40.92	ng		100
66) 4-Bromophenyl-phenylether	12.23	248	96117	37.85	ng		97
67) Hexachlorobenzene	12.28	284	99814	36.62	ng		96
68) Atrazine	12.44	200	92769	39.65	ng		99
69) Pentachlorophenol	12.54	266	118265	82.55	ng		99
70) Phenanthrene	12.80	178	493220	39.24	ng		99
71) Anthracene	12.86	178	509726	40.86	ng		99
72) Carbazole	13.07	167	485052	40.90	ng		99
73) Di-n-butylphthalate	13.52	149	557779	40.05	ng	#	98
74) Fluoranthene	14.27	202	549711	40.03	ng		98
76) Benzidine	14.46	184	188681	23.91	ng		98
77) Pyrene	14.55	202	578325	40.47	ng		99
79) Butylbenzylphthalate	15.38	149	247057	42.02	ng	#	86
80) Benzo(a)anthracene	16.04	228	547351	39.98	ng		99
81) 3,3'-Dichlorobenzidine	16.02	252	129133	25.74	ng	#	97
82) Chrysene	16.09	228	511491	39.79	ng		99
83) Bis(2-ethylhexyl)phthalate	16.11	149	353231	37.47	ng		99
84) Di-n-octyl phthalate	16.91	149	619291	39.35	ng		96
85) Indeno(1,2,3-cd)pyrene	19.21	276	609720m	41.60	ng		
87) Benzo(b)fluoranthene	17.35	252	590400	45.05	ng	#	95
88) Benzo(k)fluoranthene	17.38	252	487865m	37.98	ng		
89) Benzo(a)pyrene	17.73	252	527073	42.23	ng		98
90) Dibenzo(a,h)anthracene	19.23	278	512696	43.07	ng		99
91) Benzo(g,h,i)perylene	19.62	276	570641	47.49	ng		97

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

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