Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
Data File : BF077674.D
Acq On : 10 Mar 2015 21:29
Operator : TP/IZ
Sample : PB82055BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82055BS

Manual Integrations APPROVED
mohammad
3/12/2015 2:22:04 PM

Quant Time: Mar 11 02:11:43 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	66475	20.00	ng		0.00
21) Naphthalene-d8	8.76	136	261554	20.00	ng		0.00
38) Acenaphthene-d10	10.93	164	122823	20.00	ng		0.00
63) Phenanthrene-d10	12.77	188	230228	20.00	ng		0.00
75) Chrysene-d12	16.06	240	250871	20.00	ng		-0.02
86) Perylene-d12	17.82	264	250077	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	498565	125.21	ng		0.00
7) Phenol-d6	6.75	99	586437	114.55	ng		0.00
23) Nitrobenzene-d5	7.88	82	360439	85.70	ng		0.00
41) 2,4,6-Tribromophenol	11.91	330	150897	127.59	ng		0.00
44) 2-Fluorobiphenyl	10.11	172	715049	90.78	ng		0.00
78) Terphenyl-d14	14.76	244	842514	78.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	61521	36.41	ng	#	79
3) Pyridine	2.84	79	152956	31.64	ng		91
4) n-Nitrosodimethylamine	2.75	42	72664	34.57	ng		89
6) Aniline	6.77	93	153306	21.67	ng	#	40
8) 2-Chlorophenol	6.92	128	180370	38.40	ng		85
9) Benzaldehyde	6.63	77	20579	6.62	ng		93
10) Phenol	6.77	94	216576	35.65	ng	#	72
11) bis(2-Chloroethyl)ether	6.88	93	166611	38.17	ng		92
12) 1,3-Dichlorobenzene	7.11	146	193942	37.92	ng		98
13) 1,4-Dichlorobenzene	7.21	146	198679	38.18	ng		100
14) 1,2-Dichlorobenzene	7.39	146	190354	38.46	ng		98
15) Benzyl Alcohol	7.37	79	138237	35.52	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.55	45	224917	36.05	ng		99
17) 2-Methylphenol	7.52	107	139921	38.11	ng		98
18) Hexachloroethane	7.81	117	66559	38.30	ng	#	79
19) n-Nitroso-di-n-propylamine	7.70	70	117442	36.12	ng		96
20) 3+4-Methylphenols	7.71	107	186370	38.54	ng	#	72
22) Acetophenone	7.69	105	246491	40.06	ng	#	84
24) Nitrobenzene	7.90	77	182760	41.30	ng		96
25) Isophorone	8.20	82	315908	37.86	ng		97
26) 2-Nitrophenol	8.29	139	86525	47.71	ng		98
27) 2,4-Dimethylphenol	8.36	122	162337	40.00	ng		100
28) bis(2-Chloroethoxy)methane	8.48	93	195337	37.05	ng		99
29) 2,4-Dichlorophenol	8.59	162	150048	39.39	ng		92
30) 1,2,4-Trichlorobenzene	8.69	180	158076	37.75	ng		98
31) Naphthalene	8.79	128	509429	38.95	ng		100
32) Benzoic acid	8.46	122	77977	39.54	ng		97
33) 4-Chloroaniline	8.86	127	116890	20.10	ng		97
34) Hexachlorobutadiene	8.94	225	89489	37.43	ng		99
35) Caprolactam	9.29	113	45396	39.04	ng		89
36) 4-Chloro-3-methylphenol	9.47	107	150567	39.32	ng		98
37) 2-Methylnaphthalene	9.65	142	345595	37.21	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	150019	42.57	ng		98
40) Hexachlorocyclopentadiene	9.84	237	147342	77.97	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.00	196	105111	45.04	ng		98
43) 2,4,5-Trichlorophenol	10.04	196	112483	45.07	ng	#	91
45) 1,1'-Biphenyl	10.23	154	395873	42.54	ng		97
46) 2-Chloronaphthalene	10.25	162	333374	45.68	ng		95
47) 2-Nitroaniline	10.38	65	85803	47.76	ng		97
48) Acenaphthylene	10.76	152	511872	44.31	ng		100
49) Dimethylphthalate	10.62	163	364486	42.22	ng		100
50) 2,6-Dinitrotoluene	10.69	165	80999	46.78	ng	#	48
51) Acenaphthene	10.97	154	294486	42.72	ng		99
52) 3-Nitroaniline	10.89	138	64282	32.20	ng		89
53) 2,4-Dinitrophenol	11.02	184	55675	105.68	ng		90
54) Dibenzofuran	11.19	168	457711	43.00	ng		99
55) 4-Nitrophenol	11.11	139	139869	87.11	ng	#	70
56) 2,4-Dinitrotoluene	11.18	165	116714	49.89	ng	#	89
57) Fluorene	11.61	166	363499	42.71	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.34	232	88962	44.34	ng		97
59) Diethylphthalate	11.49	149	362038	42.53	ng		99
60) 4-Chlorophenyl-phenylether	11.62	204	169681	41.38	ng		92
61) 4-Nitroaniline	11.64	138	91045	47.59	ng		91
62) Azobenzene	11.82	77	346279	42.88	ng		96
64) 4,6-Dinitro-2-methylphenol	11.68	198	39162	43.05	ng		99
65) n-Nitrosodiphenylamine	11.77	169	322765	42.25	ng		98
66) 4-Bromophenyl-phenylether	12.23	248	103551	38.41	ng		95
67) Hexachlorobenzene	12.28	284	113104	39.09	ng		93
68) Atrazine	12.44	200	102327	41.20	ng		97
69) Pentachlorophenol	12.54	266	131043	86.16	ng		98
70) Phenanthrene	12.80	178	555747	41.65	ng		100
71) Anthracene	12.86	178	560524	42.33	ng		100
72) Carbazole	13.07	167	555633	44.13	ng		99
73) Di-n-butylphthalate	13.52	149	602888	40.78	ng		97
74) Fluoranthene	14.27	202	612191	42.00	ng		98
76) Benzidine	14.46	184	256771	30.29	ng		98
77) Pyrene	14.55	202	653034	42.55	ng		99
79) Butylbenzylphthalate	15.39	149	270422	42.83	ng		92
80) Benzo(a)anthracene	16.05	228	625208	42.52	ng		99
81) 3,3'-Dichlorobenzidine	16.03	252	153264	28.45	ng		99
82) Chrysene	16.09	228	583110	42.24	ng		99
83) Bis(2-ethylhexyl)phthalate	16.11	149	380527	37.59	ng	#	95
84) Di-n-octyl phthalate	16.92	149	663123	39.23	ng		97
85) Indeno(1,2,3-cd)pyrene	19.23	276	681160m	43.27	ng		
87) Benzo(b)fluoranthene	17.36	252	623987	42.91	ng		98
88) Benzo(k)fluoranthene	17.40	252	585231m	41.06	ng		
89) Benzo(a)pyrene	17.75	252	587116	42.39	ng	#	96
90) Dibenzo(a,h)anthracene	19.25	278	568420	43.03	ng		97
91) Benzo(g,h,i)perylene	19.64	276	571099	42.84	ng		95

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

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