Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
Data File : BF082272.D
Acq On : 13 Oct 2015 23:50
Operator : UM/IZ
Sample : G4005-02MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-3MSD

Manual Integrations APPROVED
MMdadoda
10/14/2015 3:51:25 PM

Quant Time: Oct 14 02:32:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 14 01:15:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	75846	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	301860	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	153210	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	276486	20.00	ng		-0.01
75) Chrysene-d12	14.04	240	227209	20.00	ng		-0.10
86) Perylene-d12	15.52	264	208885	20.00	ng		-0.25
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	467332	124.35	ng		0.01
7) Phenol-d6	6.47	99	591238	120.90	ng		0.00
23) Nitrobenzene-d5	7.39	82	363868	80.95	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	160583	111.76	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	667007	72.20	ng		0.00
78) Terphenyl-d14	12.95	244	639342	74.57	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	50856	26.93	ng		96
3) Pyridine	3.14	79	123267	28.07	ng		97
4) n-Nitrosodimethylamine	3.10	42	62600	33.61	ng		96
6) Aniline	6.49	93	123178	19.54	ng	#	90
8) 2-Chlorophenol	6.61	128	155313	33.85	ng	#	77
9) Benzaldehyde	6.37	77	80228	32.12	ng		93
10) Phenol	6.48	94	210461	37.33	ng		99
11) bis(2-Chloroethyl)ether	6.57	93	166205	34.86	ng		94
12) 1,3-Dichlorobenzene	6.77	146	182193	34.10	ng		97
13) 1,4-Dichlorobenzene	6.85	146	183493	32.89	ng		97
14) 1,2-Dichlorobenzene	6.99	146	178088	33.61	ng		97
15) Benzyl Alcohol	6.97	79	123067	36.45	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	220132	33.15	ng		98
17) 2-Methylphenol	7.09	107	127186	35.06	ng		99
18) Hexachloroethane	7.34	117	60243	31.54	ng		92
19) n-Nitroso-di-n-propylamine	7.25	70	109454	31.87	ng	#	88
20) 3+4-Methylphenols	7.25	107	163099	37.73	ng		94
22) Acetophenone	7.25	105	222126	37.20	ng	#	95
24) Nitrobenzene	7.42	77	169320	34.80	ng		96
25) Isophorone	7.66	82	304340	33.55	ng		96
26) 2-Nitrophenol	7.74	139	87264	35.92	ng		94
27) 2,4-Dimethylphenol	7.77	122	137060	35.02	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	180918	34.27	ng		99
29) 2,4-Dichlorophenol	7.98	162	149646	38.25	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	152231	33.75	ng		99
31) Naphthalene	8.14	128	469879	35.91	ng		100
32) Benzoic acid	7.85	122	19657	7.48	ng		95
33) 4-Chloroaniline	8.19	127	75187	13.84	ng		98
34) Hexachlorobutadiene	8.25	225	92363	32.87	ng		98
35) Caprolactam	8.56	113	40367	35.55	ng		98
36) 4-Chloro-3-methylphenol	8.69	107	143500	37.50	ng	#	82
37) 2-Methylnaphthalene	8.83	142	314201	34.64	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	153545	33.69	ng		98
40) Hexachlorocyclopentadiene	8.98	237	57376	30.60	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	96365	31.84	ng		97
43) 2,4,5-Trichlorophenol	9.15	196	118623	36.18	ng		96
45) 1,1'-Biphenyl	9.29	154	364667	31.21	ng		99
46) 2-Chloronaphthalene	9.33	162	302450	32.89	ng		98
47) 2-Nitroaniline	9.43	65	92349	36.57	ng	#	57
48) Acenaphthylene	9.74	152	515344	35.97	ng		99
49) Dimethylphthalate	9.60	163	461845	42.81	ng		100
50) 2,6-Dinitrotoluene	9.67	165	83344	36.61	ng		97
51) Acenaphthene	9.91	154	306187	35.60	ng		99
52) 3-Nitroaniline	9.84	138	59655	23.20	ng		92
53) 2,4-Dinitrophenol	9.94	184	16227	18.13	ng	#	86
54) Dibenzofuran	10.08	168	433672	36.73	ng		100
55) 4-Nitrophenol	10.01	139	117340	69.66	ng		85
56) 2,4-Dinitrotoluene	10.07	165	103345	36.32	ng		98
57) Fluorene	10.42	166	352638	36.36	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	90881	33.92	ng		93
59) Diethylphthalate	10.30	149	325264	32.34	ng		98
60) 4-Chlorophenyl-phenylether	10.41	204	146449	32.96	ng		96
61) 4-Nitroaniline	10.46	138	80390	32.23	ng		92
62) Azobenzene	10.57	77	332203	33.75	ng		98
64) 4,6-Dinitro-2-methylphenol	10.48	198	18220	11.74	ng		94
65) n-Nitrosodiphenylamine	10.54	169	298958	36.11	ng		100
66) 4-Bromophenyl-phenylether	10.90	248	90004	32.53	ng	#	89
67) Hexachlorobenzene	10.97	284	107627	35.96	ng	#	94
68) Atrazine	11.06	200	91736	34.98	ng		98
69) Pentachlorophenol	11.17	266	110623	71.84	ng		98
70) Phenanthrene	11.38	178	582691	43.00	ng		99
71) Anthracene	11.44	178	569756	40.80	ng		100
72) Carbazole	11.60	167	486458	38.18	ng		99
73) Di-n-butylphthalate	11.93	149	547295	34.82	ng		98
74) Fluoranthene	12.58	202	701080	48.17	ng		99
76) Benzidine	12.71	184	129029	19.60	ng		99
77) Pyrene	12.81	202	709206	52.60	ng		99
79) Butylbenzylphthalate	13.43	149	203697	33.10	ng		92
80) Benzo(a)anthracene	14.02	228	495758	41.94	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	118499	26.41	ng	#	96
82) Chrysene	14.06	228	483310	38.80	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	285228	32.49	ng	#	98
84) Di-n-octyl phthalate	14.66	149	461304	30.60	ng		99
85) Indeno(1,2,3-cd)pyrene	16.96	276	391443	39.54	ng		99
87) Benzo(b)fluoranthene	15.11	252	480408m	37.80	ng		
88) Benzo(k)fluoranthene	15.13	252	368025m	34.45	ng		
89) Benzo(a)pyrene	15.46	252	417762	38.25	ng		99
90) Dibenzo(a,h)anthracene	16.97	278	307134	34.32	ng		98
91) Benzo(g,h,i)perylene	17.38	276	323115	37.16	ng		99

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

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