Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086152.D
Acq On : 8 Apr 2016 1:48
Operator : UM/SJ
Sample : H2282-12MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-08(0.5-20.0)MS

Manual Integrations APPROVED
Sohil
4/8/2016 6:09:29 PM

Quant Time: Apr 08 04:02:14 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	107027	20.00	ng		-0.03
21) Naphthalene-d8	8.02	136	441616	20.00	ng		-0.05
38) Acenaphthene-d10	9.78	164	206924	20.00	ng		-0.03
63) Phenanthrene-d10	11.25	188	368887	20.00	ng		-0.05
75) Chrysene-d12	13.89	240	257719	20.00	ng		-0.03
86) Perylene-d12	15.29	264	196753	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	6.38	99	696	0.09	ng		-0.03
23) Nitrobenzene-d5	7.24	82	26841	3.58	ng		-0.10
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	9.09	172	1043	0.08	ng		-0.05
78) Terphenyl-d14	12.84	244	715	0.07	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	113972	38.39	ng		98
3) Pyridine	2.97	79	330301	49.70	ng		98
4) n-Nitrosodimethylamine	2.93	42	129666	44.37	ng		98
6) Aniline	6.40	93	334515	32.06	ng	#	38
8) 2-Chlorophenol	6.52	128	316770	42.42	ng		99
9) Benzaldehyde	6.28	77	111475	26.05	ng		99
10) Phenol	6.40	94	392837	43.30	ng		76
11) bis(2-Chloroethyl)ether	6.48	93	295601	41.15	ng		96
12) 1,3-Dichlorobenzene	6.67	146	320980m	40.56	ng		
13) 1,4-Dichlorobenzene	6.75	146	327643	40.18	ng		98
14) 1,2-Dichlorobenzene	6.91	146	303660	40.46	ng		97
15) Benzyl Alcohol	6.89	79	243727	47.37	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	362083	41.26	ng		89
17) 2-Methylphenol	7.01	107	250503	42.55	ng		96
18) Hexachloroethane	7.24	117	119377	39.81	ng	#	85
19) n-Nitroso-di-n-propylamine	7.16	70	209282	42.45	ng		97
20) 3+4-Methylphenols	7.16	107	324067	45.26	ng	#	85
22) Acetophenone	7.15	105	415438	40.02	ng	#	92
24) Nitrobenzene	7.32	77	308093	37.61	ng		99
25) Isophorone	7.57	82	595687	40.30	ng	#	93
26) 2-Nitrophenol	7.64	139	162772	41.53	ng	#	86
27) 2,4-Dimethylphenol	7.69	122	269396	38.27	ng		99
28) bis(2-Chloroethoxy)methane	7.78	93	349856	40.34	ng		99
29) 2,4-Dichlorophenol	7.89	162	254476	42.76	ng		97
30) 1,2,4-Trichlorobenzene	7.97	180	264546	39.60	ng	#	92
31) Naphthalene	8.04	128	846914	38.13	ng		99
32) Benzoic acid	7.80	122	41744	8.08	ng		97
33) 4-Chloroaniline	8.10	127	219518	24.46	ng	#	92
34) Hexachlorobutadiene	8.16	225	133855	37.27	ng		98
35) Caprolactam	8.48	113	78944m	41.81	ng		
36) 4-Chloro-3-methylphenol	8.60	107	287381	42.95	ng		94
37) 2-Methylnaphthalene	8.74	142	601235	41.43	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	233471	37.54	ng		99
40) Hexachlorocyclopentadiene	8.89	237	134812	65.03	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	167660	41.98	ng		97
43) 2,4,5-Trichlorophenol	9.07	196	168953	41.67	ng		96
45) 1,1'-Biphenyl	9.20	154	638218	35.77	ng		99
46) 2-Chloronaphthalene	9.22	162	508573	39.32	ng	#	91
47) 2-Nitroaniline	9.33	65	172561	45.60	ng		88
48) Acenaphthylene	9.64	152	842234	40.65	ng		98
49) Dimethylphthalate	9.50	163	750271	48.92	ng		99
50) 2,6-Dinitrotoluene	9.57	165	132643	40.88	ng		92
51) Acenaphthene	9.81	154	501708	40.72	ng		99
52) 3-Nitroaniline	9.74	138	126076	32.24	ng		92
53) 2,4-Dinitrophenol	9.86	184	54275	35.40	ng		91
54) Dibenzofuran	9.98	168	711507	43.72	ng		98
55) 4-Nitrophenol	9.93	139	180267	78.19	ng		88
56) 2,4-Dinitrotoluene	9.98	165	174320	42.51	ng	#	82
57) Fluorene	10.33	166	574474	41.33	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	133237	44.13	ng		94
59) Diethylphthalate	10.20	149	574353	37.10	ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	265039	40.93	ng		94
61) 4-Nitroaniline	10.36	138	160487	41.67	ng		99
62) Azobenzene	10.48	77	677691	45.71	ng		98
64) 4,6-Dinitro-2-methylphenol	10.40	198	73681	32.96	ng	#	58
65) n-Nitrosodiphenylamine	10.44	169	501917	43.51	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	161896	42.99	ng	#	88
67) Hexachlorobenzene	10.88	284	170932	43.89	ng	#	91
68) Atrazine	10.97	200	141367	37.92	ng		98
69) Pentachlorophenol	11.07	266	137597	75.39	ng		99
70) Phenanthrene	11.29	178	803129	39.91	ng		98
71) Anthracene	11.33	178	811355	38.49	ng		99
72) Carbazole	11.49	167	698374	38.54	ng		100
73) Di-n-butylphthalate	11.82	149	986258	43.92	ng		99
74) Fluoranthene	12.46	202	733686	35.05	ng		98
76) Benzidine	12.59	184	362143	39.83	ng		99
77) Pyrene	12.69	202	757604	41.72	ng		99
79) Butylbenzylphthalate	13.31	149	346919	42.42	ng	#	71
80) Benzo(a)anthracene	13.88	228	563500	37.09	ng		100
81) 3,3'-Dichlorobenzidine	13.85	252	136347	12.29	ng	#	97
82) Chrysene	13.92	228	483578	33.05	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	467633	43.09	ng		99
84) Di-n-octyl phthalate	14.49	149	720246	41.56	ng		98
85) Indeno(1,2,3-cd)pyrene	16.64	276	525872	44.29	ng		99
87) Benzo(b)fluoranthene	14.90	252	476847m	38.53	ng		
88) Benzo(k)fluoranthene	14.92	252	439664m	40.11	ng		
89) Benzo(a)pyrene	15.23	252	457220	41.69	ng		97
90) Dibenzo(a,h)anthracene	16.64	278	439940	49.86	ng		97
91) Benzo(g,h,i)perylene	17.04	276	446281	52.27	ng		97

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

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