Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086153.D
Acq On : 8 Apr 2016 2:17
Operator : UM/SJ
Sample : H2282-12MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
4/8/2016 6:09:28 PM

Quant Time: Apr 08 04:04:43 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	112810	20.00	ng		-0.03
21) Naphthalene-d8	8.02	136	442121	20.00	ng		-0.05
38) Acenaphthene-d10	9.78	164	211114	20.00	ng		-0.03
63) Phenanthrene-d10	11.25	188	383074	20.00	ng		-0.05
75) Chrysene-d12	13.89	240	273609	20.00	ng		-0.03
86) Perylene-d12	15.29	264	201718	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	831706	126.02	ng		-0.02
7) Phenol-d6	6.38	99	1049087	125.15	ng		-0.03
23) Nitrobenzene-d5	7.31	82	644958	86.03	ng		-0.03
41) 2,4,6-Tribromophenol	10.57	330	240281	121.26	ng		-0.03
44) 2-Fluorobiphenyl	9.10	172	1131258	89.10	ng		-0.03
78) Terphenyl-d14	12.84	244	1010666	86.83	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	109449	34.98	ng		98
3) Pyridine	3.00	79	320672	45.78	ng		100
4) n-Nitrosodimethylamine	2.97	42	130441	42.35	ng		97
6) Aniline	6.41	93	306952	27.91	ng	#	48
8) 2-Chlorophenol	6.52	128	331718	42.14	ng		95
9) Benzaldehyde	6.28	77	120615	26.74	ng		97
10) Phenol	6.41	94	373779	39.09	ng		86
11) bis(2-Chloroethyl)ether	6.48	93	302474	39.94	ng		97
12) 1,3-Dichlorobenzene	6.67	146	334657m	40.12	ng		
13) 1,4-Dichlorobenzene	6.75	146	348041	40.50	ng		99
14) 1,2-Dichlorobenzene	6.91	146	310130	39.21	ng		97
15) Benzyl Alcohol	6.89	79	237769	43.84	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	370258	40.03	ng		85
17) 2-Methylphenol	7.01	107	278163	44.82	ng		96
18) Hexachloroethane	7.24	117	125497	39.70	ng	#	87
19) n-Nitroso-di-n-propylamine	7.16	70	219219	42.19	ng		96
20) 3+4-Methylphenols	7.17	107	347587	46.05	ng	#	59
22) Acetophenone	7.15	105	440794	42.41	ng	#	93
24) Nitrobenzene	7.33	77	342990	41.82	ng	#	83
25) Isophorone	7.57	82	633000	42.77	ng	#	93
26) 2-Nitrophenol	7.64	139	171827	43.79	ng	#	85
27) 2,4-Dimethylphenol	7.69	122	285706	40.54	ng		99
28) bis(2-Chloroethoxy)methane	7.78	93	386817	44.55	ng		98
29) 2,4-Dichlorophenol	7.89	162	272148	45.67	ng		99
30) 1,2,4-Trichlorobenzene	7.96	180	277261	41.45	ng		100
31) Naphthalene	8.04	128	898954	40.42	ng		99
32) Benzoic acid	7.82	122	91821	17.76	ng		90
33) 4-Chloroaniline	8.11	127	169849	18.91	ng		99
34) Hexachlorobutadiene	8.16	225	138968	38.65	ng		98
35) Caprolactam	8.48	113	85662m	45.32	ng		
36) 4-Chloro-3-methylphenol	8.60	107	308130	46.00	ng		99
37) 2-Methylnaphthalene	8.74	142	633557	43.61	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	243738	38.41	ng		99
40) Hexachlorocyclopentadiene	8.89	237	149616	69.08	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	182627	44.82	ng		99
43) 2,4,5-Trichlorophenol	9.07	196	184339	44.56	ng	#	93
45) 1,1'-Biphenyl	9.20	154	687991	37.79	ng		100
46) 2-Chloronaphthalene	9.23	162	542102	41.08	ng		97
47) 2-Nitroaniline	9.33	65	186354	48.27	ng		90
48) Acenaphthylene	9.64	152	901162	42.63	ng		99
49) Dimethylphthalate	9.50	163	791854	50.61	ng		99
50) 2,6-Dinitrotoluene	9.57	165	143425	43.32	ng		91
51) Acenaphthene	9.81	154	522570	41.57	ng		98
52) 3-Nitroaniline	9.74	138	110713	27.75	ng		91
53) 2,4-Dinitrophenol	9.86	184	83810	47.41	ng		90
54) Dibenzofuran	9.98	168	758955	45.71	ng		97
55) 4-Nitrophenol	9.93	139	188918	80.32	ng		95
56) 2,4-Dinitrotoluene	9.98	165	184455	44.09	ng	#	77
57) Fluorene	10.33	166	594932	41.95	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	141147	45.82	ng		96
59) Diethylphthalate	10.20	149	600534	38.03	ng		97
60) 4-Chlorophenyl-phenylether	10.32	204	287887	43.58	ng		92
61) 4-Nitroaniline	10.36	138	160577	40.87	ng		96
62) Azobenzene	10.48	77	706068	46.67	ng		96
64) 4,6-Dinitro-2-methylphenol	10.40	198	88579	38.16	ng	#	60
65) n-Nitrosodiphenylamine	10.44	169	542572	45.29	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	167336	42.79	ng	#	87
67) Hexachlorobenzene	10.88	284	180311	44.58	ng		95
68) Atrazine	10.97	200	146585	37.87	ng		97
69) Pentachlorophenol	11.07	266	150753	79.53	ng		99
70) Phenanthrene	11.29	178	870950	41.68	ng		99
71) Anthracene	11.33	178	831212	37.97	ng		99
72) Carbazole	11.49	167	749324	39.82	ng		99
73) Di-n-butylphthalate	11.82	149	1032306	44.27	ng		100
74) Fluoranthene	12.46	202	767573	35.31	ng		98
76) Benzidine	12.59	184	359777	37.27	ng		98
77) Pyrene	12.69	202	791165	41.03	ng		99
79) Butylbenzylphthalate	13.31	149	382032	44.00	ng	#	72
80) Benzo(a)anthracene	13.88	228	614261	38.09	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	152461	12.94	ng	#	97
82) Chrysene	13.92	228	548762	35.32	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	497030	43.14	ng	#	98
84) Di-n-octyl phthalate	14.49	149	809135	43.97	ng		99
85) Indeno(1,2,3-cd)pyrene	16.64	276	536225	42.54	ng		99
87) Benzo(b)fluoranthene	14.90	252	503625m	39.69	ng		
88) Benzo(k)fluoranthene	14.92	252	478105m	42.55	ng		
89) Benzo(a)pyrene	15.23	252	474456	42.20	ng		99
90) Dibenzo(a,h)anthracene	16.64	278	450924	49.85	ng		97
91) Benzo(g,h,i)perylene	17.04	276	453473	51.80	ng		96

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

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