Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
Data File : BF088783.D
Acq On : 7 Jul 2016 17:16
Operator : UM/SJ
Sample : H3837-08MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C1.2-6MSD

Quant Time: Jul 08 05:05:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 01:56:42 2016
Response via : Initial Calibration

SOHIL

7/8/2016 7:03:57 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	92553	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	387600	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	199393	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	372189	20.00	ng		0.00
75) Chrysene-d12	13.89	240	235632	20.00	ng		0.00
86) Perylene-d12	15.27	264	175234	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	763764	123.68	ng		0.02
7) Phenol-d6	6.39	99	863425	108.20	ng		0.00
23) Nitrobenzene-d5	7.31	82	654360	88.47	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	235305	127.08	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	1006658	79.75	ng		0.00
78) Terphenyl-d14	12.85	244	978959	92.54	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.00	79	251669	28.33	ng		90
4) n-Nitrosodimethylamine	2.96	42	112952	33.28	ng		90
6) Aniline	6.40	93	318090	27.35	ng	#	1
8) 2-Chlorophenol	6.52	128	253875	38.25	ng		98
9) Benzaldehyde	6.28	77	184514	34.14	ng		92
10) Phenol	6.40	94	323830	35.56	ng	#	59
11) bis(2-Chloroethyl)ether	6.48	93	242237	35.67	ng		93
12) 1,3-Dichlorobenzene	6.68	146	277344m	37.97	ng		
13) 1,4-Dichlorobenzene	6.75	146	268227	37.00	ng		93
14) 1,2-Dichlorobenzene	6.91	146	277145m	40.84	ng		
15) Benzyl Alcohol	6.89	79	255703	43.54	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.03	45	300077	30.51	ng		89
17) 2-Methylphenol	7.00	107	228315	42.17	ng		96
18) Hexachloroethane	7.26	117	113875	40.61	ng		92
19) n-Nitroso-di-n-propylamine	7.16	70	197824	36.91	ng		92
20) 3+4-Methylphenols	7.16	107	296861	45.68	ng		92
22) Acetophenone	7.15	105	393543	41.83	ng	#	89
24) Nitrobenzene	7.32	77	278913	37.40	ng	#	82
25) Isophorone	7.58	82	578393	42.22	ng		98
26) 2-Nitrophenol	7.64	139	150915	49.35	ng		94
27) 2,4-Dimethylphenol	7.69	122	267803	42.05	ng		88
28) bis(2-Chloroethoxy)methane	7.78	93	339638	38.09	ng	#	95
29) 2,4-Dichlorophenol	7.88	162	219450	42.63	ng		96
30) 1,2,4-Trichlorobenzene	7.96	180	231167	40.92	ng		97
31) Naphthalene	8.04	128	756076	39.57	ng		99
32) Benzoic acid	7.83	122	136663	29.55	ng		91
33) 4-Chloroaniline	8.10	127	215955	25.40	ng	#	94
34) Hexachlorobutadiene	8.17	225	130191	43.04	ng		98
35) Caprolactam	8.48	113	85420m	48.86	ng		
36) 4-Chloro-3-methylphenol	8.59	107	277795	45.64	ng		92
37) 2-Methylnaphthalene	8.74	142	558203	45.37	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	234127	35.30	ng	#	1
40) Hexachlorocyclopentadiene	8.90	237	216501	66.51	ng		99
42) 2,4,6-Trichlorophenol	9.03	196	179240	40.99	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	165804	44.07	ng	#	86
45) 1,1'-Biphenyl	9.21	154	698973	42.33	ng		97
46) 2-Chloronaphthalene	9.23	162	535106	41.28	ng		96
47) 2-Nitroaniline	9.32	65	164816	35.83	ng		98
48) Acenaphthylene	9.64	152	849552	41.19	ng		99
49) Dimethylphthalate	9.52	163	647444	45.58	ng		99
50) 2,6-Dinitrotoluene	9.58	165	159830	50.77	ng	#	87
51) Acenaphthene	9.82	154	586038	46.36	ng		98
52) 3-Nitroaniline	9.74	138	102354	25.57	ng		92
53) 2,4-Dinitrophenol	9.85	184	130647	93.98	ng	#	77
54) Dibenzofuran	9.99	168	732554	44.27	ng	#	88
55) 4-Nitrophenol	9.92	139	262737	86.39	ng	#	77
56) 2,4-Dinitrotoluene	9.98	165	178190	43.29	ng	#	51
57) Fluorene	10.33	166	599871	47.04	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	127499	43.80	ng	#	48
59) Diethylphthalate	10.22	149	625780	43.89	ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	231373	39.05	ng	#	85
61) 4-Nitroaniline	10.35	138	138965	36.08	ng		81
62) Azobenzene	10.48	77	687697	42.29	ng		94
64) 4,6-Dinitro-2-methylphenol	10.39	198	94436	47.44	ng	#	61
65) n-Nitrosodiphenylamine	10.44	169	501154	39.79	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	160709	42.85	ng	#	85
67) Hexachlorobenzene	10.88	284	180010	43.36	ng	#	71
68) Atrazine	10.98	200	182413	46.47	ng		98
69) Pentachlorophenol	11.07	266	203745	82.92	ng		98
70) Phenanthrene	11.28	178	855791	42.06	ng		99
71) Anthracene	11.34	178	838604	41.45	ng		100
72) Carbazole	11.50	167	832629	43.73	ng		98
73) Di-n-butylphthalate	11.83	149	917362	41.42	ng		99
74) Fluoranthene	12.47	202	921604	44.68	ng		98
76) Benzidine	12.59	184	370318	31.09	ng		97
77) Pyrene	12.70	202	900222	45.06	ng		99
79) Butylbenzylphthalate	13.33	149	419052	47.02	ng		98
80) Benzo(a)anthracene	13.87	228	656969	43.30	ng		100
81) 3,3'-Dichlorobenzidine	13.84	252	157519	27.61	ng	#	94
82) Chrysene	13.91	228	620271	41.32	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	511284	50.25	ng	#	100
84) Di-n-octyl phthalate	14.49	149	752482	43.53	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	523828	45.36	ng	#	100
87) Benzo(b)fluoranthene	14.88	252	485512m	44.17	ng		
88) Benzo(k)fluoranthene	14.91	252	495469m	51.78	ng		
89) Benzo(a)pyrene	15.21	252	442209	47.51	ng		98
90) Dibenzo(a,h)anthracene	16.59	278	435124	55.99	ng		99
91) Benzo(g,h,i)perylene	16.98	276	452267	56.24	ng	#	94

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

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