Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
Data File : BF088785.D
Acq On : 7 Jul 2016 18:15
Operator : UM/SJ
Sample : H3871-11MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

Manual Integrations
SOHIL
7/8/2016 7:04:01 AM

Quant Time: Jul 08 05:07:48 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	82918	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	323724	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	164543	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	325026	20.00	ng		0.00
75) Chrysene-d12	13.89	240	231891	20.00	ng		0.00
86) Perylene-d12	15.27	264	163493	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	605608	109.46	ng		0.01
7) Phenol-d6	6.39	99	798322	111.67	ng		0.00
23) Nitrobenzene-d5	7.30	82	546817	88.52	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	230648	150.95	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	921383	88.45	ng		0.00
78) Terphenyl-d14	12.85	244	963401	92.54	ng		0.00
Target Compounds							Qvalue
3) Pyridine	2.99	79	216543	27.21	ng		92
4) n-Nitrosodimethylamine	2.96	42	97744	32.14	ng		84
6) Aniline	6.40	93	249386	23.94	ng	#	1
8) 2-Chlorophenol	6.52	128	229671	38.62	ng		99
9) Benzaldehyde	6.28	77	174367	36.01	ng		95
10) Phenol	6.40	94	334379	40.98	ng	#	69
11) bis(2-Chloroethyl)ether	6.48	93	197665	32.49	ng		93
12) 1,3-Dichlorobenzene	6.68	146	236479m	36.14	ng		
13) 1,4-Dichlorobenzene	6.75	146	233792	36.00	ng		93
14) 1,2-Dichlorobenzene	6.91	146	243137m	40.00	ng		
15) Benzyl Alcohol	6.89	79	227328	43.21	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.03	45	252720	28.68	ng		89
17) 2-Methylphenol	7.00	107	191489	39.47	ng		96
18) Hexachloroethane	7.26	117	96093	38.25	ng		96
19) n-Nitroso-di-n-propylamine	7.16	70	169559	35.31	ng		89
20) 3+4-Methylphenols	7.16	107	263894	45.33	ng	#	84
22) Acetophenone	7.15	105	327960	41.74	ng	#	89
24) Nitrobenzene	7.32	77	258248	41.46	ng	#	84
25) Isophorone	7.56	82	490423	42.86	ng		96
26) 2-Nitrophenol	7.64	139	134340	52.60	ng		88
27) 2,4-Dimethylphenol	7.69	122	237832	44.71	ng		90
28) bis(2-Chloroethoxy)methane	7.78	93	286249	38.44	ng	#	95
29) 2,4-Dichlorophenol	7.88	162	193517	45.01	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	194570	41.24	ng		98
31) Naphthalene	8.04	128	650348	40.75	ng		100
32) Benzoic acid	7.82	122	120785	31.27	ng		92
33) 4-Chloroaniline	8.09	127	151080	21.28	ng		94
34) Hexachlorobutadiene	8.17	225	112614	44.58	ng		99
35) Caprolactam	8.48	113	72198m	49.45	ng		
36) 4-Chloro-3-methylphenol	8.59	107	256241	50.40	ng		97
37) 2-Methylnaphthalene	8.74	142	484375	47.14	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	186464	34.07	ng	#	1
40) Hexachlorocyclopentadiene	8.90	237	176601	65.74	ng		98
42) 2,4,6-Trichlorophenol	9.02	196	143047	39.64	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	146604	47.22	ng	#	91
45) 1,1'-Biphenyl	9.21	154	560935	41.17	ng		96
46) 2-Chloronaphthalene	9.22	162	429426	40.15	ng		96
47) 2-Nitroaniline	9.32	65	155222	40.89	ng		96
48) Acenaphthylene	9.64	152	740282	43.50	ng		99
49) Dimethylphthalate	9.52	163	560588	47.82	ng		98
50) 2,6-Dinitrotoluene	9.58	165	126817	48.81	ng	#	86
51) Acenaphthene	9.82	154	495622	47.51	ng		98
52) 3-Nitroaniline	9.74	138	89557	27.12	ng		92
53) 2,4-Dinitrophenol	9.84	184	89906	78.37	ng	#	81
54) Dibenzofuran	9.99	168	649389	47.56	ng	#	90
55) 4-Nitrophenol	9.91	139	178393	71.08	ng		91
56) 2,4-Dinitrotoluene	9.98	165	178714	52.61	ng	#	70
57) Fluorene	10.33	166	521975	49.60	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	113466	47.24	ng	#	47
59) Diethylphthalate	10.22	149	579050	49.22	ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	192492	39.37	ng	#	88
61) 4-Nitroaniline	10.35	138	132973	41.84	ng		86
62) Azobenzene	10.48	77	594127	44.27	ng		94
64) 4,6-Dinitro-2-methylphenol	10.38	198	66082	38.01	ng		89
65) n-Nitrosodiphenylamine	10.44	169	471108	42.83	ng		100
66) 4-Bromophenyl-phenylether	10.81	248	149616	45.68	ng		95
67) Hexachlorobenzene	10.87	284	142352	39.26	ng	#	90
68) Atrazine	10.97	200	125847	36.71	ng		91
69) Pentachlorophenol	11.06	266	155249	72.35	ng		96
70) Phenanthrene	11.28	178	671525	37.80	ng		100
71) Anthracene	11.34	178	803501	45.48	ng		99
72) Carbazole	11.48	167	614770	36.97	ng		99
73) Di-n-butylphthalate	11.83	149	796069	41.16	ng		99
74) Fluoranthene	12.47	202	789081	43.81	ng		93
76) Benzidine	12.58	184	312920	26.70	ng		99
77) Pyrene	12.69	202	711617	36.19	ng		100
79) Butylbenzylphthalate	13.31	149	344715	39.30	ng	#	70
80) Benzo(a)anthracene	13.87	228	619548	41.49	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	142201	25.33	ng	#	96
82) Chrysene	13.91	228	479011	32.42	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	470188	46.96	ng	#	100
84) Di-n-octyl phthalate	14.49	149	712540	41.89	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	475488	41.83	ng	#	100
87) Benzo(b)fluoranthene	14.88	252	455333m	44.40	ng		
88) Benzo(k)fluoranthene	14.90	252	435554m	48.78	ng		
89) Benzo(a)pyrene	15.21	252	425262	48.97	ng	#	95
90) Dibenzo(a,h)anthracene	16.59	278	391824	54.04	ng		98
91) Benzo(g,h,i)perylene	16.98	276	404811	53.95	ng	#	92

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

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