Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
Data File : BF088614.D
Acq On : 2 Jul 2016 13:46
Operator : UM/SJ
Sample : H3871-11MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Jul 03 03:20:30 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	113135	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	474038	20.00	ng		-0.02
38) Acenaphthene-d10	9.83	164	199835	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	347192	20.00	ng		-0.02
75) Chrysene-d12	13.93	240	212681	20.00	ng		-0.02
86) Perylene-d12	15.33	264	233378	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	692649	91.76	ng		-0.01
7) Phenol-d6	6.43	99	968747	99.32	ng		-0.01
23) Nitrobenzene-d5	7.36	82	614305	67.91	ng		-0.02
41) 2,4,6-Tribromophenol	10.62	330	176678	95.21	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	883906	69.87	ng		-0.02
78) Terphenyl-d14	12.89	244	594713	62.28	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	82672	22.09	ng	#	35
3) Pyridine	3.07	79	120460	11.09	ng		96
4) n-Nitrosodimethylamine	3.00	42	55796	13.45	ng		89
6) Aniline	6.44	93	137326	9.66	ng	#	10
8) 2-Chlorophenol	6.58	128	114933	14.17	ng		81
9) Benzaldehyde	6.33	77	82568	12.50	ng		83
10) Phenol	6.44	94	164000	14.73	ng		78
11) bis(2-Chloroethyl)ether	6.52	93	116633	14.05	ng		97
12) 1,3-Dichlorobenzene	6.73	146	128554	14.40	ng		98
13) 1,4-Dichlorobenzene	6.81	146	139684	15.76	ng		98
14) 1,2-Dichlorobenzene	6.96	146	113218m	13.65	ng		
15) Benzyl Alcohol	6.94	79	132867	18.51	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	166709	13.87	ng		89
17) 2-Methylphenol	7.05	107	107042	16.17	ng		99
18) Hexachloroethane	7.31	117	47946	13.99	ng		91
19) n-Nitroso-di-n-propylamine	7.21	70	102989	15.72	ng		89
20) 3+4-Methylphenols	7.20	107	136573	17.19	ng	#	49
22) Acetophenone	7.20	105	176540	15.34	ng	#	86
24) Nitrobenzene	7.37	77	129818	14.23	ng	#	78
25) Isophorone	7.61	82	241789	14.43	ng	#	93
26) 2-Nitrophenol	7.69	139	61117	16.34	ng		97
27) 2,4-Dimethylphenol	7.74	122	127705	16.39	ng		93
28) bis(2-Chloroethoxy)methane	7.83	93	154278	14.15	ng	#	93
29) 2,4-Dichlorophenol	7.93	162	92640	14.72	ng		93
30) 1,2,4-Trichlorobenzene	8.02	180	110322	15.97	ng		98
31) Naphthalene	8.10	128	386320	16.53	ng		98
32) Benzoic acid	7.82	122	41032	7.26	ng		96
33) 4-Chloroaniline	8.15	127	105383	10.14	ng		99
34) Hexachlorobutadiene	8.23	225	58958	15.94	ng		99
35) Caprolactam	8.49	113	34034	15.92	ng		89
36) 4-Chloro-3-methylphenol	8.63	107	109963	14.77	ng		90
37) 2-Methylnaphthalene	8.79	142	227488	15.12	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	107000	16.10	ng	#	1
40) Hexachlorocyclopentadiene	8.95	237	99880	30.62	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	68713	15.68	ng		99
43) 2,4,5-Trichlorophenol	9.11	196	77140	20.46	ng	#	96
45) 1,1'-Biphenyl	9.26	154	312439	18.88	ng		98
46) 2-Chloronaphthalene	9.28	162	232973	17.93	ng		96
47) 2-Nitroaniline	9.37	65	80409	17.44	ng		93
48) Acenaphthylene	9.69	152	371637	17.98	ng		99
49) Dimethylphthalate	9.55	163	370332	26.01	ng		100
50) 2,6-Dinitrotoluene	9.61	165	53562	16.97	ng	#	45
51) Acenaphthene	9.86	154	225150	17.77	ng		99
52) 3-Nitroaniline	9.78	138	51115	12.74	ng	#	75
53) 2,4-Dinitrophenol	9.88	184	24004	17.23	ng	#	76
54) Dibenzofuran	10.03	168	317809	19.16	ng		92
55) 4-Nitrophenol	9.94	139	140192	45.99	ng		93
56) 2,4-Dinitrotoluene	10.01	165	74488	18.06	ng	#	60
57) Fluorene	10.38	166	247417	19.36	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	51027	17.49	ng	#	49
59) Diethylphthalate	10.25	149	259724	18.18	ng		96
60) 4-Chlorophenyl-phenylether	10.38	204	104701	17.63	ng	#	86
61) 4-Nitroaniline	10.39	138	45774	11.86	ng		93
62) Azobenzene	10.52	77	288965	17.73	ng		91
64) 4,6-Dinitro-2-methylphenol	10.42	198	13193	7.10	ng	#	55
65) n-Nitrosodiphenylamine	10.49	169	221311	18.83	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	64127	18.33	ng	#	82
67) Hexachlorobenzene	10.92	284	66039	17.05	ng	#	76
68) Atrazine	11.02	200	68714	18.77	ng		96
69) Pentachlorophenol	11.12	266	87035	37.97	ng		99
70) Phenanthrene	11.32	178	310223	16.35	ng		98
71) Anthracene	11.38	178	342426	18.15	ng		98
72) Carbazole	11.53	167	270235	15.21	ng		99
73) Di-n-butylphthalate	11.87	149	383541	18.56	ng		99
74) Fluoranthene	12.51	202	299494	15.57	ng		96
76) Benzidine	12.64	184	296961	27.62	ng		98
77) Pyrene	12.74	202	274635	15.23	ng		98
79) Butylbenzylphthalate	13.37	149	130078	16.17	ng		96
80) Benzo(a)anthracene	13.92	228	209136	15.27	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	67940	13.20	ng	#	96
82) Chrysene	13.95	228	195113	14.40	ng		98
83) Bis(2-ethylhexyl)phthalate	13.93	149	172455	18.78	ng		98
84) Di-n-octyl phthalate	14.54	149	275572	17.66	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.66	276	224075	21.50	ng	#	100
87) Benzo(b)fluoranthene	14.94	252	233447m	15.95	ng		
88) Benzo(k)fluoranthene	14.96	252	180018m	14.12	ng		
89) Benzo(a)pyrene	15.27	252	209256	16.88	ng		97
90) Dibenzo(a,h)anthracene	16.69	278	189351	18.29	ng		97
91) Benzo(g,h,i)perylene	17.06	276	178359	16.65	ng		99

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

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