Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
Data File : BF088784.D
Acq On : 7 Jul 2016 17:46
Operator : UM/SJ
Sample : H3871-11MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations APPROVED
SOHIL
7/8/2016 7:03:59 AM

Quant Time: Jul 08 02:20:26 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	92383	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	379399	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	197571	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	366811	20.00	ng		0.00
75) Chrysene-d12	13.89	240	239932	20.00	ng		0.00
86) Perylene-d12	15.27	264	177318	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	746006	121.02	ng		0.02
7) Phenol-d6	6.39	99	860510	108.04	ng		0.00
23) Nitrobenzene-d5	7.31	82	641104	88.55	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	236801	129.07	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	991852	79.30	ng		0.00
78) Terphenyl-d14	12.85	244	1022546	94.92	ng		0.00
Target Compounds							Qvalue
3) Pyridine	2.99	79	249791	28.17	ng		94
4) n-Nitrosodimethylamine	2.96	42	108007	31.88	ng		90
6) Aniline	6.40	93	306529	26.41	ng	#	1
8) 2-Chlorophenol	6.52	128	259333	39.14	ng		100
9) Benzaldehyde	6.28	77	171632	31.81	ng		94
10) Phenol	6.40	94	326794	35.95	ng	#	58
11) bis(2-Chloroethyl)ether	6.48	93	241256	35.59	ng		92
12) 1,3-Dichlorobenzene	6.68	146	272601m	37.39	ng		
13) 1,4-Dichlorobenzene	6.75	146	261252	36.10	ng		93
14) 1,2-Dichlorobenzene	6.91	146	273472m	40.38	ng		
15) Benzyl Alcohol	6.89	79	254304	43.38	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.03	45	290830	29.63	ng		88
17) 2-Methylphenol	7.00	107	220728	40.84	ng		95
18) Hexachloroethane	7.26	117	109288	39.04	ng		94
19) n-Nitroso-di-n-propylamine	7.16	70	186899	34.93	ng		93
20) 3+4-Methylphenols	7.16	107	294352	45.38	ng		92
22) Acetophenone	7.15	105	385843	41.90	ng	#	89
24) Nitrobenzene	7.32	77	276724	37.91	ng	#	83
25) Isophorone	7.58	82	573306	42.75	ng		99
26) 2-Nitrophenol	7.64	139	150963	50.43	ng		92
27) 2,4-Dimethylphenol	7.69	122	263247	42.22	ng		89
28) bis(2-Chloroethoxy)methane	7.78	93	327258	37.50	ng	#	95
29) 2,4-Dichlorophenol	7.88	162	218912	43.45	ng		96
30) 1,2,4-Trichlorobenzene	7.96	180	227048	41.06	ng		97
31) Naphthalene	8.04	128	749774	40.09	ng		100
32) Benzoic acid	7.83	122	141474	31.25	ng		93
33) 4-Chloroaniline	8.10	127	202841	24.37	ng	#	94
34) Hexachlorobutadiene	8.17	225	130445	44.06	ng		98
35) Caprolactam	8.48	113	89526m	52.32	ng		
36) 4-Chloro-3-methylphenol	8.59	107	280714	47.11	ng		93
37) 2-Methylnaphthalene	8.74	142	550858	45.74	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	232787	35.42	ng	#	1
40) Hexachlorocyclopentadiene	8.90	237	206764	64.11	ng		99
42) 2,4,6-Trichlorophenol	9.03	196	176003	40.62	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	163081	43.75	ng	#	87
45) 1,1'-Biphenyl	9.21	154	691468	42.27	ng		96
46) 2-Chloronaphthalene	9.23	162	519073	40.42	ng		95
47) 2-Nitroaniline	9.32	65	164452	36.08	ng		98
48) Acenaphthylene	9.64	152	846188	41.41	ng		99
49) Dimethylphthalate	9.52	163	664216	47.19	ng		100
50) 2,6-Dinitrotoluene	9.58	165	155637	49.89	ng		90
51) Acenaphthene	9.82	154	594732	47.48	ng		98
52) 3-Nitroaniline	9.74	138	101959	25.71	ng		93
53) 2,4-Dinitrophenol	9.85	184	132059	95.87	ng	#	76
54) Dibenzofuran	9.99	168	720731	43.96	ng	#	87
55) 4-Nitrophenol	9.92	139	250795	83.22	ng	#	64
56) 2,4-Dinitrotoluene	9.98	165	180593	44.28	ng	#	50
57) Fluorene	10.33	166	606237	47.98	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	129060	44.75	ng	#	49
59) Diethylphthalate	10.22	149	637134	45.10	ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	224618	38.26	ng	#	86
61) 4-Nitroaniline	10.35	138	136294	35.71	ng		83
62) Azobenzene	10.48	77	685190	42.52	ng		94
64) 4,6-Dinitro-2-methylphenol	10.39	198	94251	48.04	ng	#	58
65) n-Nitrosodiphenylamine	10.44	169	511704	41.22	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	164456	44.49	ng	#	87
67) Hexachlorobenzene	10.88	284	174243	42.58	ng	#	70
68) Atrazine	10.97	200	164649	42.56	ng		90
69) Pentachlorophenol	11.07	266	198937	82.15	ng		98
70) Phenanthrene	11.28	178	804703	40.13	ng		99
71) Anthracene	11.34	178	887271	44.50	ng		100
72) Carbazole	11.49	167	775758	41.34	ng		99
73) Di-n-butylphthalate	11.83	149	921377	42.21	ng	#	99
74) Fluoranthene	12.47	202	932225	45.86	ng		96
76) Benzidine	12.59	184	361628	29.82	ng		97
77) Pyrene	12.70	202	905023	44.49	ng		98
79) Butylbenzylphthalate	13.33	149	424538	46.78	ng		97
80) Benzo(a)anthracene	13.87	228	668176	43.25	ng		100
81) 3,3'-Dichlorobenzidine	13.84	252	155849	26.83	ng	#	95
82) Chrysene	13.91	228	616926	40.36	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	520614	50.25	ng	#	99
84) Di-n-octyl phthalate	14.49	149	778020	44.21	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	538077	45.76	ng	#	100
87) Benzo(b)fluoranthene	14.88	252	501703	45.10	ng	#	97
88) Benzo(k)fluoranthene	14.91	252	514504m	53.13	ng		
89) Benzo(a)pyrene	15.21	252	464271	49.30	ng		97
90) Dibenzo(a,h)anthracene	16.59	278	448087	56.98	ng		100
91) Benzo(g,h,i)perylene	16.98	276	459340	56.44	ng		95

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

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