Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083901.D
Acq On : 18 Dec 2015 7:08
Operator : UM/SJ
Sample : G4759-02MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K210-0-2MS

Manual Integrations APPROVED
MMdadoda
12/18/2015 6:22:04 PM

Quant Time: Dec 18 12:01:11 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 01:01:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	111533	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	428736	20.00	ng		0.01
38) Acenaphthene-d10	9.92	164	171599	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	252007	20.00	ng		0.02
75) Chrysene-d12	14.07	240	188082	20.00	ng		0.03
86) Perylene-d12	15.52	264	156451	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	450738	63.24	ng		0.02
7) Phenol-d6	6.53	99	575329	65.95	ng		0.02
23) Nitrobenzene-d5	7.45	82	325170	43.29	ng		0.01
41) 2,4,6-Tribromophenol	10.72	330	121843	64.45	ng		0.01
44) 2-Fluorobiphenyl	9.24	172	583305	44.17	ng		0.00
78) Terphenyl-d14	13.00	244	375536	43.63	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	45838	14.83	ng	#	88
3) Pyridine	3.31	79	136909	17.91	ng		98
4) n-Nitrosodimethylamine	3.21	42	61979	21.25	ng		99
6) Aniline	6.52	93	50618	4.51	ng	#	52
8) 2-Chlorophenol	6.67	128	154146	18.17	ng		93
9) Benzaldehyde	6.42	77	84480	16.07	ng		95
10) Phenol	6.54	94	160815	16.52	ng		93
11) bis(2-Chloroethyl)ether	6.61	93	150809	20.39	ng		93
12) 1,3-Dichlorobenzene	6.82	146	163546m	17.93	ng		
13) 1,4-Dichlorobenzene	6.90	146	182968	19.65	ng		96
14) 1,2-Dichlorobenzene	7.06	146	159057	19.02	ng		95
15) Benzyl Alcohol	7.04	79	140699	21.31	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	131731	17.28	ng		67
17) 2-Methylphenol	7.15	107	127667	19.19	ng		95
18) Hexachloroethane	7.39	117	51371	15.03	ng	#	89
19) n-Nitroso-di-n-propylamine	7.30	70	103402	20.33	ng	#	83
20) 3+4-Methylphenols	7.30	107	157932	20.20	ng	#	87
22) Acetophenone	7.29	105	217683	21.09	ng	#	94
24) Nitrobenzene	7.47	77	167896	21.61	ng		91
25) Isophorone	7.71	82	296851	21.00	ng		97
26) 2-Nitrophenol	7.78	139	54993	13.67	ng	#	79
27) 2,4-Dimethylphenol	7.82	122	127285	18.37	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	178973	21.41	ng	#	85
29) 2,4-Dichlorophenol	8.03	162	119702	19.05	ng		97
30) 1,2,4-Trichlorobenzene	8.11	180	131081	19.42	ng		97
31) Naphthalene	8.19	128	491001	21.59	ng		100
32) Benzoic acid	7.92	122	14436	9.08	ng	#	83
34) Hexachlorobutadiene	8.30	225	72630	17.23	ng		98
35) Caprolactam	8.61	113	36681	17.67	ng		98
36) 4-Chloro-3-methylphenol	8.73	107	137021	18.27	ng		90
37) 2-Methylnaphthalene	8.88	142	282179	18.94	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	124335	22.98	ng		99
40) Hexachlorocyclopentadiene	9.04	237	1988	9.83	ng		89
42) 2,4,6-Trichlorophenol	9.16	196	77097	21.58	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.21	196	75472	21.35	ng	#	86
45) 1,1'-Biphenyl	9.34	154	371580	25.06	ng		98
46) 2-Chloronaphthalene	9.37	162	253304	21.55	ng		96
47) 2-Nitroaniline	9.46	65	69471	20.47	ng		94
48) Acenaphthylene	9.78	152	384406	19.22	ng		99
49) Dimethylphthalate	9.64	163	443286	30.79	ng		98
50) 2,6-Dinitrotoluene	9.71	165	53165	16.93	ng	#	88
51) Acenaphthene	9.95	154	216077	17.57	ng		100
52) 3-Nitroaniline	9.87	138	8706	2.63	ng	#	89
53) 2,4-Dinitrophenol	9.98	184	2492	12.22	ng		85
54) Dibenzofuran	10.12	168	323620	20.26	ng		90
55) 4-Nitrophenol	10.05	139	77059	37.28	ng		91
56) 2,4-Dinitrotoluene	10.11	165	67202	16.69	ng	#	75
57) Fluorene	10.46	166	238132	17.78	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	53453	20.44	ng	#	98
59) Diethylphthalate	10.34	149	278331	18.70	ng		96
60) 4-Chlorophenyl-phenylether	10.46	204	111215	18.16	ng	#	86
61) 4-Nitroaniline	10.48	138	14963	4.37	ng		94
62) Azobenzene	10.61	77	236480	18.95	ng		87
64) 4,6-Dinitro-2-methylphenol	10.52	198	2492	5.41	ng	#	18
65) n-Nitrosodiphenylamine	10.58	169	224437	24.48	ng		98
66) 4-Bromophenyl-phenylether	10.96	248	65222	21.17	ng		98
67) Hexachlorobenzene	11.02	284	70255	21.66	ng	#	93
68) Atrazine	11.12	200	61869	21.30	ng		95
69) Pentachlorophenol	11.23	266	56661	43.45	ng		99
70) Phenanthrene	11.44	178	345982	22.72	ng		98
71) Anthracene	11.48	178	277802	18.87	ng		99
72) Carbazole	11.64	167	254518	17.50	ng		98
73) Di-n-butylphthalate	11.97	149	313744	18.36	ng	#	96
74) Fluoranthene	12.62	202	284391	18.72	ng		96
77) Pyrene	12.87	202	320234	27.55	ng		99
79) Butylbenzylphthalate	13.47	149	120351	19.22	ng		89
80) Benzo(a)anthracene	14.05	228	252833	21.86	ng		98
82) Chrysene	14.09	228	238665	21.37	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	177316	21.21	ng	#	87
84) Di-n-octyl phthalate	14.65	149	289597	22.14	ng	#	83
85) Indeno(1,2,3-cd)pyrene	16.97	276	197588	23.65	ng		100
87) Benzo(b)fluoranthene	15.09	252	255078m	22.36	ng		
88) Benzo(k)fluoranthene	15.12	252	204037m	21.68	ng		
89) Benzo(a)pyrene	15.45	252	208900	22.18	ng	#	84
90) Dibenzo(a,h)anthracene	16.97	278	156651	21.38	ng	#	93
91) Benzo(g,h,i)perylene	17.40	276	175139	24.39	ng		99

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

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