Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082461.D
Acq On : 22 Oct 2015 22:56
Operator : UM/IZ
Sample : G4119-06MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-17-10-10.5MS

Manual Integrations APPROVED
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10/23/2015 4:45:28 PM

Quant Time: Oct 23 03:38:25 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 23 01:26:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	89926	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	346152	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	158353	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	254639	20.00	ng		-0.01
75) Chrysene-d12	13.97	240	217306	20.00	ng		-0.03
86) Perylene-d12	15.45	264	180077	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	563546	126.48	ng		0.01
7) Phenol-d6	6.42	99	664676	114.63	ng		0.00
23) Nitrobenzene-d5	7.34	82	421486	81.77	ng		-0.01
41) 2,4,6-Tribromophenol	10.61	330	132826	89.44	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	787976	82.52	ng		-0.01
78) Terphenyl-d14	12.89	244	626877	76.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	69745	31.15	ng		97
3) Pyridine	3.03	79	175120	33.63	ng		98
4) n-Nitrosodimethylamine	2.99	42	85000	38.49	ng		91
6) Aniline	6.42	93	205196	27.45	ng	#	73
8) 2-Chlorophenol	6.55	128	201954	37.13	ng	#	76
9) Benzaldehyde	6.31	77	92799	31.34	ng		99
10) Phenol	6.43	94	258900	38.73	ng		89
11) bis(2-Chloroethyl)ether	6.50	93	194493	34.40	ng		95
12) 1,3-Dichlorobenzene	6.70	146	235399	37.16	ng		96
13) 1,4-Dichlorobenzene	6.78	146	244639	36.98	ng		96
14) 1,2-Dichlorobenzene	6.94	146	219860m	35.00	ng		
15) Benzyl Alcohol	6.91	79	163031	40.73	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	297135	37.74	ng		65
17) 2-Methylphenol	7.04	107	169443	39.39	ng	#	92
18) Hexachloroethane	7.27	117	75077	33.16	ng		96
19) n-Nitroso-di-n-propylamine	7.19	70	156942	38.54	ng	#	91
20) 3+4-Methylphenols	7.20	107	218713	42.67	ng	#	59
22) Acetophenone	7.18	105	286443	41.83	ng	#	89
24) Nitrobenzene	7.36	77	220761	39.57	ng	#	88
25) Isophorone	7.60	82	392862	37.76	ng	#	92
26) 2-Nitrophenol	7.67	139	106505	38.23	ng	#	79
27) 2,4-Dimethylphenol	7.73	122	192068	42.79	ng		95
28) bis(2-Chloroethoxy)methane	7.81	93	226775	37.46	ng	#	97
29) 2,4-Dichlorophenol	7.92	162	181864	40.53	ng		92
30) 1,2,4-Trichlorobenzene	8.00	180	194124	37.54	ng		96
31) Naphthalene	8.08	128	581224	38.74	ng		99
32) Benzoic acid	7.84	122	56142	18.64	ng		97
33) 4-Chloroaniline	8.14	127	139583	22.40	ng		95
34) Hexachlorobutadiene	8.19	225	109243	33.90	ng		97
35) Caprolactam	8.50	113	51311	39.40	ng	#	84
36) 4-Chloro-3-methylphenol	8.63	107	172229	39.25	ng		95
37) 2-Methylnaphthalene	8.77	142	391420	37.63	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	201576	42.80	ng		96
40) Hexachlorocyclopentadiene	8.91	237	20463	16.00	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	124937	39.94	ng		97
43) 2,4,5-Trichlorophenol	9.11	196	131452	38.79	ng		96
45) 1,1'-Biphenyl	9.23	154	504404	41.77	ng		98
46) 2-Chloronaphthalene	9.26	162	366794	38.59	ng		94
47) 2-Nitroaniline	9.36	65	105719	40.51	ng		98
48) Acenaphthylene	9.67	152	553261	37.36	ng		99
49) Dimethylphthalate	9.54	163	668805	59.98	ng		100
50) 2,6-Dinitrotoluene	9.61	165	104900	44.58	ng		87
51) Acenaphthene	9.84	154	335190	37.71	ng		99
52) 3-Nitroaniline	9.78	138	78403	29.50	ng		91
53) 2,4-Dinitrophenol	9.90	184	15779	17.44	ng		97
54) Dibenzofuran	10.01	168	495254	40.58	ng		95
55) 4-Nitrophenol	9.97	139	107410	63.70	ng		92
56) 2,4-Dinitrotoluene	10.01	165	125821	42.79	ng		95
57) Fluorene	10.37	166	392086	39.11	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	97558	35.23	ng		99
59) Diethylphthalate	10.24	149	449363	43.23	ng		99
60) 4-Chlorophenyl-phenylether	10.35	204	201753	43.94	ng		89
61) 4-Nitroaniline	10.39	138	85749	33.26	ng		92
62) Azobenzene	10.51	77	411681	40.47	ng		93
64) 4,6-Dinitro-2-methylphenol	10.42	198	18734	13.11	ng		93
65) n-Nitrosodiphenylamine	10.48	169	360944	47.34	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	112032	43.96	ng	#	87
67) Hexachlorobenzene	10.90	284	105904	38.43	ng	#	69
68) Atrazine	11.01	200	107648	44.57	ng		99
69) Pentachlorophenol	11.11	266	100596	70.93	ng		97
70) Phenanthrene	11.33	178	538010	43.10	ng		99
71) Anthracene	11.37	178	525392	40.85	ng		99
72) Carbazole	11.53	167	449157	38.28	ng		100
73) Di-n-butylphthalate	11.86	149	621770	42.96	ng		100
74) Fluoranthene	12.52	202	514955	38.41	ng		98
76) Benzidine	12.64	184	272107	43.21	ng		98
77) Pyrene	12.74	202	524406	40.66	ng		98
79) Butylbenzylphthalate	13.37	149	235266	39.98	ng		86
80) Benzo(a)anthracene	13.96	228	436818	38.63	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	158135	36.85	ng		97
82) Chrysene	13.99	228	381006	31.98	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	322908	38.46	ng	#	97
84) Di-n-octyl phthalate	14.61	149	553430	38.38	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.85	276	318013	33.58	ng		97
87) Benzo(b)fluoranthene	15.05	252	453094m	41.36	ng		
88) Benzo(k)fluoranthene	15.08	252	330444m	35.88	ng		
89) Benzo(a)pyrene	15.40	252	360137	38.25	ng		98
90) Dibenzo(a,h)anthracene	16.86	278	275674	35.73	ng		98
91) Benzo(g,h,i)perylene	17.27	276	257085	34.30	ng		97

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

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