Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
Data File : BF083848.D
Acq On : 16 Dec 2015 15:13
Operator : UM/SJ
Sample : G4772-05MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VITALE-FILL-SOURCE-6AMSD

Manual Integrations APPROVED
MMdadoda
12/17/2015 5:34:12 PM

Quant Time: Dec 17 03:50:56 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	96508	20.00	ng		-0.02
21) Naphthalene-d8	8.18	136	397428	20.00	ng		-0.03
38) Acenaphthene-d10	9.93	164	183398	20.00	ng		-0.03
63) Phenanthrene-d10	11.41	188	345367	20.00	ng		-0.03
75) Chrysene-d12	14.05	240	221817	20.00	ng		-0.02
86) Perylene-d12	15.48	264	181544	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	826984	138.24	ng		-0.01
7) Phenol-d6	6.53	99	978039	129.10	ng		-0.01
23) Nitrobenzene-d5	7.46	82	607764	85.56	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	295164	157.94	ng		-0.02
44) 2-Fluorobiphenyl	9.25	172	1021018	80.16	ng		-0.03
78) Terphenyl-d14	13.00	244	1047812	101.61	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	100137	34.62	ng	#	82
3) Pyridine	3.30	79	268993	36.96	ng	#	83
4) n-Nitrosodimethylamine	3.25	42	122356	44.44	ng	#	64
6) Aniline	6.56	93	289768	28.16	ng		98
8) 2-Chlorophenol	6.68	128	317064	45.10	ng		87
9) Benzaldehyde	6.44	77	168673m	41.46	ng		
10) Phenol	6.54	94	310196	35.57	ng		97
11) bis(2-Chloroethyl)ether	6.64	93	302709	47.94	ng	#	83
12) 1,3-Dichlorobenzene	6.83	146	326577m	43.78	ng		
13) 1,4-Dichlorobenzene	6.91	146	336797	44.67	ng		100
14) 1,2-Dichlorobenzene	7.07	146	323725	47.79	ng		96
15) Benzyl Alcohol	7.04	79	266475	47.88	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	313706	38.26	ng		71
17) 2-Methylphenol	7.15	107	259936	45.99	ng	#	86
18) Hexachloroethane	7.41	117	123547	46.15	ng		98
19) n-Nitroso-di-n-propylamine	7.31	70	194382	41.90	ng		91
20) 3+4-Methylphenols	7.31	107	323032	48.41	ng	#	69
22) Acetophenone	7.31	105	417595	42.83	ng	#	99
24) Nitrobenzene	7.48	77	338089	45.73	ng	#	73
25) Isophorone	7.72	82	600891	43.11	ng	#	90
26) 2-Nitrophenol	7.79	139	161991	45.61	ng		87
27) 2,4-Dimethylphenol	7.84	122	301354	43.18	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	365831	46.00	ng	#	97
29) 2,4-Dichlorophenol	8.04	162	279580	48.80	ng		93
30) 1,2,4-Trichlorobenzene	8.12	180	271168	45.64	ng		95
31) Naphthalene	8.20	128	966747	46.66	ng		99
33) 4-Chloroaniline	8.25	127	150291	17.76	ng	#	84
34) Hexachlorobutadiene	8.33	225	152277	46.71	ng		97
35) Caprolactam	8.61	113	90312m	49.09	ng		
36) 4-Chloro-3-methylphenol	8.74	107	327909	48.93	ng		86
37) 2-Methylnaphthalene	8.89	142	586941	45.13	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	248974	46.02	ng	#	100
40) Hexachlorocyclopentadiene	9.05	237	212570	77.54	ng		99
42) 2,4,6-Trichlorophenol	9.17	196	189466	47.84	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.21	196	184638	49.15	ng	#	88
45) 1,1'-Biphenyl	9.36	154	747311	45.98	ng		95
46) 2-Chloronaphthalene	9.38	162	543660	45.31	ng	#	92
47) 2-Nitroaniline	9.47	65	163561	48.07	ng	#	75
48) Acenaphthylene	9.79	152	872458	43.22	ng		99
49) Dimethylphthalate	9.66	163	913603	63.90	ng		98
50) 2,6-Dinitrotoluene	9.72	165	156391	51.54	ng	#	51
51) Acenaphthene	9.96	154	557044	45.65	ng		99
52) 3-Nitroaniline	9.88	138	108694	31.07	ng	#	75
53) 2,4-Dinitrophenol	9.98	184	70441	52.48	ng	#	80
54) Dibenzofuran	10.13	168	787787	48.72	ng	#	89
55) 4-Nitrophenol	10.05	139	234555	90.54	ng		82
56) 2,4-Dinitrotoluene	10.12	165	213760	53.92	ng	#	74
57) Fluorene	10.48	166	559537	43.94	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	159391	56.57	ng	#	100
59) Diethylphthalate	10.36	149	714875	49.38	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	280803	48.36	ng		91
61) 4-Nitroaniline	10.50	138	151477	49.12	ng		91
62) Azobenzene	10.64	77	674802	51.14	ng		85
64) 4,6-Dinitro-2-methylphenol	10.53	198	107258	54.58	ng	#	55
65) n-Nitrosodiphenylamine	10.59	169	539492	45.67	ng		98
66) 4-Bromophenyl-phenylether	10.96	248	175082	45.34	ng	#	77
67) Hexachlorobenzene	11.04	284	207675	49.70	ng	#	78
68) Atrazine	11.12	200	159915	47.58	ng		96
69) Pentachlorophenol	11.22	266	181351	76.95	ng		99
70) Phenanthrene	11.44	178	807014	43.99	ng		99
71) Anthracene	11.49	178	928058	48.70	ng		99
72) Carbazole	11.64	167	801973	45.17	ng	#	96
73) Di-n-butylphthalate	11.97	149	972304	45.10	ng		99
74) Fluoranthene	12.62	202	880602	46.45	ng		99
76) Benzidine	12.74	184	291734	43.16	ng		97
77) Pyrene	12.85	202	903804	51.55	ng		99
79) Butylbenzylphthalate	13.47	149	424188	56.37	ng		91
80) Benzo(a)anthracene	14.04	228	641303	50.84	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	136273	29.95	ng		97
82) Chrysene	14.08	228	666102	54.14	ng		100
83) Bis(2-ethylhexyl)phthalate	14.03	149	467762	54.62	ng	#	97
84) Di-n-octyl phthalate	14.64	149	751827	55.25	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.91	276	607635	50.29	ng	#	100
87) Benzo(b)fluoranthene	15.07	252	551089	47.58	ng		98
88) Benzo(k)fluoranthene	15.11	252	526641m	50.18	ng		
89) Benzo(a)pyrene	15.43	252	509737	49.32	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	501886	48.84	ng	#	96
91) Benzo(g,h,i)perylene	17.35	276	520023	49.23	ng		98

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

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