Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
Data File : BF083847.D
Acq On : 16 Dec 2015 14:46
Operator : UM/SJ
Sample : G4772-05MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations APPROVED
MMdadoda
12/17/2015 5:34:11 PM

Quant Time: Dec 17 03:48:09 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	6.89	152	99995	20.00	ng		-0.03
21) Naphthalene-d8	8.18	136	422763	20.00	ng		-0.03
38) Acenaphthene-d10	9.93	164	190547	20.00	ng		-0.03
63) Phenanthrene-d10	11.41	188	365085	20.00	ng		-0.03
75) Chrysene-d12	14.05	240	259223	20.00	ng		-0.02
86) Perylene-d12	15.48	264	202563	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	564991	91.15	ng		-0.02
7) Phenol-d6	6.53	99	776556	98.93	ng		-0.01
23) Nitrobenzene-d5	7.46	82	508783	67.33	ng		-0.02
41) 2,4,6-Tribromophenol	10.72	330	207462	106.85	ng		-0.03
44) 2-Fluorobiphenyl	9.25	172	857355	60.68	ng		-0.03
78) Terphenyl-d14	12.99	244	780170	64.74	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	78119	26.06	ng	#	79
3) Pyridine	3.30	79	205176	27.21	ng	#	81
4) n-Nitrosodimethylamine	3.23	42	90810	31.83	ng	#	64
6) Aniline	6.56	93	255227	23.94	ng	#	81
8) 2-Chlorophenol	6.68	128	262021	35.97	ng	#	80
9) Benzaldehyde	6.43	77	126101	29.91	ng		97
10) Phenol	6.54	94	340893	37.73	ng		85
11) bis(2-Chloroethyl)ether	6.62	93	216793	33.13	ng		92
12) 1,3-Dichlorobenzene	6.83	146	242055	31.31	ng		97
13) 1,4-Dichlorobenzene	6.91	146	266774	34.15	ng		99
14) 1,2-Dichlorobenzene	7.07	146	237220	33.80	ng		93
15) Benzyl Alcohol	7.04	79	235744	40.88	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	246759	29.05	ng		71
17) 2-Methylphenol	7.15	107	209700	35.81	ng	#	84
18) Hexachloroethane	7.41	117	94499	34.07	ng		99
19) n-Nitroso-di-n-propylamine	7.31	70	167896	34.93	ng	#	85
20) 3+4-Methylphenols	7.30	107	244260	35.33	ng	#	55
22) Acetophenone	7.30	105	314709	30.34	ng	#	96
24) Nitrobenzene	7.47	77	223990	28.48	ng		91
25) Isophorone	7.71	82	448692	30.26	ng		97
26) 2-Nitrophenol	7.79	139	127947	33.87	ng	#	84
27) 2,4-Dimethylphenol	7.84	122	233113	31.40	ng		95
28) bis(2-Chloroethoxy)methane	7.93	93	305175	36.07	ng	#	97
29) 2,4-Dichlorophenol	8.03	162	198867	32.63	ng		95
30) 1,2,4-Trichlorobenzene	8.12	180	209624	33.17	ng		95
31) Naphthalene	8.20	128	759757	34.48	ng		99
33) 4-Chloroaniline	8.25	127	157662	17.52	ng	#	82
34) Hexachlorobutadiene	8.33	225	114524	33.02	ng		98
35) Caprolactam	8.60	113	65872m	33.66	ng		
36) 4-Chloro-3-methylphenol	8.73	107	227848	31.96	ng		94
37) 2-Methylnaphthalene	8.89	142	460865	33.31	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	207712	36.95	ng	#	100
40) Hexachlorocyclopentadiene	9.05	237	154763	54.33	ng		99
42) 2,4,6-Trichlorophenol	9.17	196	137667	33.46	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.21	196	149877	38.40	ng		97
45) 1,1'-Biphenyl	9.36	154	596572	35.33	ng		95
46) 2-Chloronaphthalene	9.38	162	454214	36.44	ng		95
47) 2-Nitroaniline	9.47	65	142655	40.35	ng	#	64
48) Acenaphthylene	9.79	152	676040	32.23	ng		99
49) Dimethylphthalate	9.65	163	626319	42.16	ng		99
50) 2,6-Dinitrotoluene	9.71	165	109390	34.70	ng		91
51) Acenaphthene	9.96	154	424754	33.50	ng		99
52) 3-Nitroaniline	9.88	138	100141	27.55	ng	#	61
53) 2,4-Dinitrophenol	9.98	184	52738	41.56	ng	#	84
54) Dibenzofuran	10.13	168	577405	34.37	ng	#	89
55) 4-Nitrophenol	10.04	139	176838	65.70	ng		86
56) 2,4-Dinitrotoluene	10.12	165	162343	39.42	ng	#	51
57) Fluorene	10.48	166	445459	33.67	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	117330	40.08	ng	#	100
59) Diethylphthalate	10.35	149	516942	34.37	ng		98
60) 4-Chlorophenyl-phenylether	10.46	204	208790	34.61	ng	#	81
61) 4-Nitroaniline	10.50	138	127819	39.89	ng		88
62) Azobenzene	10.62	77	502156	36.63	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	67495	32.49	ng		92
65) n-Nitrosodiphenylamine	10.59	169	461089	36.93	ng		99
66) 4-Bromophenyl-phenylether	10.96	248	131820	32.29	ng	#	81
67) Hexachlorobenzene	11.02	284	148751	33.68	ng	#	85
68) Atrazine	11.12	200	137291	38.64	ng		98
69) Pentachlorophenol	11.22	266	136953	54.97	ng		98
70) Phenanthrene	11.44	178	658428	33.95	ng		99
71) Anthracene	11.49	178	731128	36.30	ng		99
72) Carbazole	11.64	167	685633	36.53	ng	#	96
73) Di-n-butylphthalate	11.97	149	766254	33.62	ng		99
74) Fluoranthene	12.63	202	756969	37.77	ng		98
76) Benzidine	12.74	184	194554	24.63	ng		96
77) Pyrene	12.85	202	756956	36.95	ng		99
79) Butylbenzylphthalate	13.47	149	347991	39.57	ng		89
80) Benzo(a)anthracene	14.04	228	546176	37.05	ng		98
81) 3,3'-Dichlorobenzidine	14.00	252	133617	25.13	ng		97
82) Chrysene	14.08	228	548551	38.15	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	390682	39.04	ng	#	98
84) Di-n-octyl phthalate	14.64	149	645120	40.57	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.91	276	452494	32.05	ng	#	100
87) Benzo(b)fluoranthene	15.07	252	466047m	36.06	ng		
88) Benzo(k)fluoranthene	15.09	252	428342m	36.58	ng		
89) Benzo(a)pyrene	15.43	252	418776	36.32	ng		98
90) Dibenzo(a,h)anthracene	16.92	278	378527	33.01	ng		98
91) Benzo(g,h,i)perylene	17.33	276	387002	32.83	ng		98

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

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