Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF021115\
Data File : BF077277.D
Acq On : 12 Feb 2015 8:26
Operator : TP/IZ
Sample : G1254-02MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UB9BMSD

Manual Integrations APPROVED
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2/12/2015 4:15:34 PM

Quant Time: Feb 12 12:03:00 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 10 13:30:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	43193	20.00	ng		-0.06
21) Naphthalene-d8	10.45	136	187780	20.00	ng		-0.05
38) Acenaphthene-d10	14.57	164	104327	20.00	ng		-0.06
63) Phenanthrene-d10	17.47	188	168200	20.00	ng		-0.03
75) Chrysene-d12	20.98	240	151730	20.00	ng		-0.03
86) Perylene-d12	22.65	264	136156	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.54	112	223924	85.24	ng		-0.05
7) Phenol-d6	6.97	99	276332	83.38	ng		-0.05
23) Nitrobenzene-d5	8.85	82	177528	52.38	ng		-0.05
41) 2,4,6-Tribromophenol	16.34	330	64524	76.19	ng		-0.03
44) 2-Fluorobiphenyl	13.12	172	377647	55.09	ng		-0.05
78) Terphenyl-d14	19.72	244	357468	54.24	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.05	88	19106	16.99	ng		99
3) Pyridine	1.47	79	55872	19.20	ng		98
4) n-Nitrosodimethylamine	1.44	42	31076	21.55	ng		95
6) Aniline	6.83	93	52287	11.40	ng		98
8) 2-Chlorophenol	7.07	128	79985	26.41	ng		96
10) Phenol	7.00	94	84018	23.87	ng		95
11) bis(2-Chloroethyl)ether	7.09	93	71636	26.02	ng	#	76
12) 1,3-Dichlorobenzene	7.38	146	84927	24.65	ng		99
13) 1,4-Dichlorobenzene	7.57	146	84017	22.99	ng		99
14) 1,2-Dichlorobenzene	7.89	146	83107	24.69	ng		98
15) Benzyl Alcohol	8.00	79	69541	25.93	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.35	45	98300	26.56	ng		74
17) 2-Methylphenol	8.36	107	57941	23.41	ng		97
18) Hexachloroethane	8.64	117	33606	26.44	ng		97
19) n-Nitroso-di-n-propylamine	8.64	70	59733	25.75	ng		98
20) 3+4-Methylphenols	8.75	107	82644m	25.22	ng		
22) Acetophenone	8.54	105	120832	26.27	ng		97
24) Nitrobenzene	8.90	77	83858	24.29	ng		98
25) Isophorone	9.50	82	157631	25.54	ng		97
26) 2-Nitrophenol	9.64	139	39943	23.52	ng	#	88
27) 2,4-Dimethylphenol	9.94	122	71828	26.90	ng		99
28) bis(2-Chloroethoxy)methane	10.13	93	99115	28.25	ng		97
29) 2,4-Dichlorophenol	10.26	162	61812	24.84	ng		94
30) 1,2,4-Trichlorobenzene	10.37	180	70693	25.58	ng		96
31) Naphthalene	10.50	128	232691	24.07	ng		99
32) Benzoic acid	10.36	122	9532	6.44	ng		85
33) 4-Chloroaniline	10.77	127	43583	11.16	ng		96
34) Hexachlorobutadiene	10.87	225	40961	24.98	ng		94
35) Caprolactam	11.63	113	18320m	25.01	ng		
36) 4-Chloro-3-methylphenol	12.09	107	66328	23.28	ng		98
37) 2-Methylnaphthalene	12.16	142	170510	25.83	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	65282	25.31	ng		99
40) Hexachlorocyclopentadiene	12.55	237	54875	41.84	ng		97
42) 2,4,6-Trichlorophenol	12.92	196	44796	23.84	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.03	196	49065m	25.60	ng		
45) 1,1'-Biphenyl	13.31	154	201765	26.09	ng		99
46) 2-Chloronaphthalene	13.28	162	159823	25.11	ng		98
47) 2-Nitroaniline	13.64	65	49918	25.85	ng		92
48) Acenaphthylene	14.23	152	253612	23.62	ng		99
49) Dimethylphthalate	14.20	163	199147	26.92	ng		99
50) 2,6-Dinitrotoluene	14.29	165	39136	26.48	ng		96
51) Acenaphthene	14.65	154	143703	23.59	ng		95
52) 3-Nitroaniline	14.64	138	27615	15.58	ng		87
53) 2,4-Dinitrophenol	14.93	184	19377	35.58	ng		87
54) Dibenzofuran	15.07	168	220358	24.84	ng		98
55) 4-Nitrophenol	15.28	139	36044	31.08	ng		94
56) 2,4-Dinitrotoluene	15.23	165	54565	25.65	ng		95
57) Fluorene	15.85	166	187720	24.97	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.45	232	30022	21.51	ng		96
59) Diethylphthalate	15.87	149	206104	27.56	ng		100
60) 4-Chlorophenyl-phenylether	15.95	204	79973	26.00	ng		96
61) 4-Nitroaniline	16.02	138	32746	18.48	ng		88
62) Azobenzene	16.25	77	207730	26.66	ng		96
64) 4,6-Dinitro-2-methylphenol	16.10	198	19505	20.11	ng	#	68
65) n-Nitrosodiphenylamine	16.21	169	155494	25.93	ng		97
66) 4-Bromophenyl-phenylether	16.83	248	47248	27.73	ng		96
67) Hexachlorobenzene	16.84	284	45732	25.47	ng	#	87
68) Atrazine	17.23	200	50300	27.64	ng		97
69) Pentachlorophenol	17.23	266	26828	36.67	ng		91
70) Phenanthrene	17.51	178	261388	24.92	ng		99
71) Anthracene	17.59	178	262598	25.67	ng		99
72) Carbazole	17.88	167	242575	24.45	ng		100
73) Di-n-butylphthalate	18.49	149	335496	29.22	ng		99
74) Fluoranthene	19.16	202	253263	23.56	ng		99
76) Benzidine	19.41	184	100766	20.75	ng		100
77) Pyrene	19.45	202	264195	25.41	ng		99
79) Butylbenzylphthalate	20.40	149	139772	29.68	ng		98
80) Benzo(a)anthracene	20.97	228	236222	24.81	ng		100
81) 3,3'-Dichlorobenzidine	20.99	252	63991	21.15	ng		96
82) Chrysene	21.01	228	222019	25.57	ng		100
83) Bis(2-ethylhexyl)phthalate	21.14	149	208321	31.97	ng		98
84) Di-n-octyl phthalate	21.91	149	372675	32.95	ng		98
85) Indeno(1,2,3-cd)pyrene	23.79	276	232137m	25.23	ng		
87) Benzo(b)fluoranthene	22.24	252	234018	25.52	ng	#	94
88) Benzo(k)fluoranthene	22.26	252	200907m	25.08	ng		
89) Benzo(a)pyrene	22.59	252	212094	26.22	ng		98
90) Dibenzo(a,h)anthracene	23.81	278	198672m	26.77	ng		
91) Benzo(g,h,i)perylene	24.05	276	194638m	26.38	ng		

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

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