Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021015\
Data File : BF077247.D
Acq On : 10 Feb 2015 22:08
Operator : TP/IZ
Sample : G1254-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UB9BMSD

Manual Integrations APPROVED
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2/11/2015 4:06:46 PM

Quant Time: Feb 11 05:04:07 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	7.60	152	44911	20.00	ng		0.00
21) Naphthalene-d8	10.51	136	191542	20.00	ng		0.01
38) Acenaphthene-d10	14.63	164	104966	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	176706	20.00	ng		0.00
75) Chrysene-d12	21.03	240	172303	20.00	ng		0.01
86) Perylene-d12	22.66	264	153055	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.62	112	175484	64.24	ng		0.03
7) Phenol-d6	7.04	99	223477	64.85	ng		0.02
23) Nitrobenzene-d5	8.91	82	131673	38.08	ng		0.01
41) 2,4,6-Tribromophenol	16.39	330	47464	55.71	ng		0.01
44) 2-Fluorobiphenyl	13.16	172	297575	43.14	ng		0.00
78) Terphenyl-d14	19.76	244	299158	39.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.07	88	16376	14.00	ng		86
3) Pyridine	1.50	79	42994	14.21	ng		95
4) n-Nitrosodimethylamine	1.46	42	31208	20.82	ng		95
6) Aniline	6.89	93	47048	9.87	ng		97
8) 2-Chlorophenol	7.14	128	64889	20.61	ng		89
10) Phenol	7.06	94	78032m	21.33	ng		
11) bis(2-Chloroethyl)ether	7.15	93	60162	21.01	ng		89
12) 1,3-Dichlorobenzene	7.44	146	72664	20.28	ng		99
13) 1,4-Dichlorobenzene	7.64	146	73872	19.44	ng		98
14) 1,2-Dichlorobenzene	7.95	146	70755	20.21	ng		96
15) Benzyl Alcohol	8.05	79	58604	21.02	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.40	45	81292	21.12	ng	#	44
17) 2-Methylphenol	8.42	107	50625	19.67	ng		94
18) Hexachloroethane	8.69	117	22891	17.32	ng		94
19) n-Nitroso-di-n-propylamine	8.68	70	48335	20.04	ng		96
20) 3+4-Methylphenols	8.81	107	63410m	18.61	ng		
22) Acetophenone	8.60	105	101032	21.54	ng		94
24) Nitrobenzene	8.94	77	63109	17.92	ng		92
25) Isophorone	9.55	82	132656	21.07	ng		99
26) 2-Nitrophenol	9.70	139	15988	10.30	ng		95
27) 2,4-Dimethylphenol	10.00	122	57140	20.98	ng		98
28) bis(2-Chloroethoxy)methane	10.19	93	79038	22.09	ng		98
29) 2,4-Dichlorophenol	10.32	162	53329m	21.01	ng		
30) 1,2,4-Trichlorobenzene	10.42	180	58361	20.70	ng		94
31) Naphthalene	10.56	128	197059	19.98	ng		99
32) Benzoic acid	10.43	122	15463m	10.25	ng		
33) 4-Chloroaniline	10.82	127	64301m	16.14	ng		
34) Hexachlorobutadiene	10.92	225	34189	20.44	ng		96
35) Caprolactam	11.70	113	15321	20.50	ng	#	84
36) 4-Chloro-3-methylphenol	12.15	107	59862	20.60	ng		95
37) 2-Methylnaphthalene	12.21	142	138622	20.58	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	54108	20.85	ng		98
40) Hexachlorocyclopentadiene	12.60	237	17501	16.39	ng		96
42) 2,4,6-Trichlorophenol	12.98	196	37967	20.08	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.08	196	39265m	20.36	ng		
45) 1,1'-Biphenyl	13.37	154	164958	21.20	ng		99
46) 2-Chloronaphthalene	13.33	162	129898	20.29	ng		99
47) 2-Nitroaniline	13.69	65	34288	17.65	ng		95
48) Acenaphthylene	14.28	152	207179	19.18	ng		97
49) Dimethylphthalate	14.25	163	178119	23.93	ng		99
50) 2,6-Dinitrotoluene	14.34	165	21276	14.31	ng	#	84
51) Acenaphthene	14.71	154	117313	19.14	ng		92
52) 3-Nitroaniline	14.69	138	34991	19.15	ng		96
54) Dibenzofuran	15.13	168	183645	20.57	ng		98
55) 4-Nitrophenol	15.35	139	23419m	20.07	ng		
56) 2,4-Dinitrotoluene	15.28	165	26678	13.55	ng		94
57) Fluorene	15.89	166	154034	20.37	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.51	232	27590	19.65	ng		91
59) Diethylphthalate	15.91	149	165292	21.97	ng		99
60) 4-Chlorophenyl-phenylether	16.00	204	65462	21.15	ng		91
61) 4-Nitroaniline	16.07	138	34724	19.40	ng		95
62) Azobenzene	16.29	77	148503m	18.94	ng		
64) 4,6-Dinitro-2-methylphenol	16.16	198	1190	4.28	ng	#	68
65) n-Nitrosodiphenylamine	16.26	169	126875	20.14	ng		96
66) 4-Bromophenyl-phenylether	16.88	248	36463	20.37	ng		88
67) Hexachlorobenzene	16.89	284	37784	20.03	ng		98
68) Atrazine	17.27	200	39827	20.83	ng		99
69) Pentachlorophenol	17.28	266	23096	31.30	ng		96
70) Phenanthrene	17.54	178	214001	19.42	ng		99
71) Anthracene	17.62	178	210072	19.55	ng		100
72) Carbazole	17.92	167	206225	19.79	ng		99
73) Di-n-butylphthalate	18.52	149	268335	22.24	ng		99
74) Fluoranthene	19.20	202	220589	19.54	ng		98
76) Benzidine	19.45	184	80436	14.59	ng		99
77) Pyrene	19.48	202	230844	19.55	ng		99
79) Butylbenzylphthalate	20.43	149	119432	22.33	ng		98
80) Benzo(a)anthracene	21.01	228	221595	20.50	ng		98
81) 3,3'-Dichlorobenzidine	21.03	252	66256	19.29	ng		99
82) Chrysene	21.05	228	183930	18.66	ng		96
83) Bis(2-ethylhexyl)phthalate	21.17	149	173400	23.43	ng		96
84) Di-n-octyl phthalate	21.93	149	295213	22.99	ng		97
85) Indeno(1,2,3-cd)pyrene	23.76	276	179207	17.15	ng	#	82
87) Benzo(b)fluoranthene	22.26	252	199935	19.40	ng	#	96
88) Benzo(k)fluoranthene	22.28	252	171316m	19.02	ng		
89) Benzo(a)pyrene	22.60	252	182437	20.06	ng		98
90) Dibenzo(a,h)anthracene	23.78	278	153753	18.43	ng		97
91) Benzo(g,h,i)perylene	24.02	276	146915	17.71	ng		97

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

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