Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089234.D
Acq On : 23 Jul 2016 13:30
Operator : UM/SJ
Sample : H4120-08MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-05-5.0-16.0MSD

Manual Integrations APPROVED
sohil
7/25/2016 6:43:03 PM

Quant Time: Jul 25 11:28:08 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 03:29:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	45996	20.00	ng		0.00
21) Naphthalene-d8	7.86	136	195494	20.00	ng		-0.01
38) Acenaphthene-d10	9.61	164	91632	20.00	ng		0.00
63) Phenanthrene-d10	11.09	188	179767	20.00	ng		0.00
75) Chrysene-d12	13.71	240	113820	20.00	ng		0.00
86) Perylene-d12	15.05	264	90867	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	258967	85.63	ng		0.01
7) Phenol-d6	6.24	99	247493	63.46	ng		0.00
23) Nitrobenzene-d5	7.15	82	341745	92.88	ng		0.00
41) 2,4,6-Tribromophenol	10.40	330	106663	129.29	ng		0.00
44) 2-Fluorobiphenyl	8.95	172	631177	94.91	ng		0.00
78) Terphenyl-d14	12.67	244	547538	104.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	30903	23.53	ng	#	90
3) Pyridine	2.68	79	58954	17.67	ng		98
4) n-Nitrosodimethylamine	2.65	42	29290	20.86	ng		97
6) Aniline	6.25	93	112463	21.34	ng	#	80
8) 2-Chlorophenol	6.36	128	134433	40.06	ng		90
9) Benzaldehyde	6.12	77	33312	13.74	ng		99
10) Phenol	6.25	94	98305	21.88	ng	#	63
11) bis(2-Chloroethyl)ether	6.33	93	148668	44.06	ng		96
12) 1,3-Dichlorobenzene	6.51	146	122835	33.15	ng		99
13) 1,4-Dichlorobenzene	6.59	146	138409	37.08	ng		99
14) 1,2-Dichlorobenzene	6.75	146	128974	36.65	ng		98
15) Benzyl Alcohol	6.74	79	104487	36.58	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	165425	43.02	ng	#	55
17) 2-Methylphenol	6.87	107	88181	33.36	ng		94
18) Hexachloroethane	7.08	117	48926	34.87	ng		96
19) n-Nitroso-di-n-propylamine	7.02	70	109574	42.96	ng		98
20) 3+4-Methylphenols	7.02	107	116291	32.40	ng	#	76
22) Acetophenone	7.00	105	223347	42.78	ng	#	98
24) Nitrobenzene	7.18	77	161873	41.72	ng		99
25) Isophorone	7.42	82	302117	44.55	ng		100
26) 2-Nitrophenol	7.48	139	73951	40.86	ng		99
27) 2,4-Dimethylphenol	7.54	122	106444	34.91	ng		99
28) bis(2-Chloroethoxy)methane	7.63	93	193786	45.69	ng		99
29) 2,4-Dichlorophenol	7.74	162	117601	42.80	ng		96
30) 1,2,4-Trichlorobenzene	7.82	180	117944	38.77	ng		100
31) Naphthalene	7.88	128	395054m	37.44	ng		
32) Benzoic acid	7.67	122	31148	13.28	ng		91
33) 4-Chloroaniline	7.95	127	95913	21.62	ng		96
34) Hexachlorobutadiene	8.01	225	61242	36.17	ng		98
35) Caprolactam	8.33	113	10258m	12.02	ng		
36) 4-Chloro-3-methylphenol	8.44	107	130840	39.52	ng		90
37) 2-Methylnaphthalene	8.58	142	283477	42.13	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	116825	34.30	ng		98
40) Hexachlorocyclopentadiene	8.73	237	83324	73.81	ng		97

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Quant Time: Jul 25 11:28:08 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 03:29:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	77505	40.66	ng		98
43) 2,4,5-Trichlorophenol	8.91	196	88903	46.46	ng		96
45) 1,1'-Biphenyl	9.05	154	333134	40.37	ng		96
46) 2-Chloronaphthalene	9.06	162	261348	41.68	ng		99
47) 2-Nitroaniline	9.18	65	91098	42.35	ng	#	75
48) Acenaphthylene	9.47	152	424724	43.08	ng		100
49) Dimethylphthalate	9.36	163	348595	49.58	ng		99
50) 2,6-Dinitrotoluene	9.42	165	72932	45.94	ng	#	74
51) Acenaphthene	9.64	154	244388	41.90	ng		99
52) 3-Nitroaniline	9.59	138	48468	25.71	ng		90
53) 2,4-Dinitrophenol	9.70	184	60503	75.29	ng	#	87
54) Dibenzofuran	9.82	168	364521	46.26	ng		98
55) 4-Nitrophenol	9.77	139	54768m	48.01	ng		
56) 2,4-Dinitrotoluene	9.82	165	94316	46.12	ng	#	71
57) Fluorene	10.16	166	301173	45.02	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.94	232	65529m	47.68	ng		
59) Diethylphthalate	10.06	149	341157	48.93	ng		96
60) 4-Chlorophenyl-phenylether	10.16	204	139569	45.70	ng	#	88
61) 4-Nitroaniline	10.20	138	74562	40.65	ng		93
62) Azobenzene	10.32	77	382630	50.49	ng		90
64) 4,6-Dinitro-2-methylphenol	10.23	198	46180	44.13	ng	#	65
65) n-Nitrosodiphenylamine	10.28	169	269917	44.93	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	79939	44.94	ng	#	88
67) Hexachlorobenzene	10.71	284	82191	42.96	ng	#	92
68) Atrazine	10.81	200	74784	39.80	ng		99
69) Pentachlorophenol	10.90	266	76791	86.99	ng		98
70) Phenanthrene	11.11	178	414821	42.07	ng		99
71) Anthracene	11.17	178	493911	48.19	ng		99
72) Carbazole	11.33	167	421923	46.86	ng		100
73) Di-n-butylphthalate	11.67	149	544996	48.94	ng	#	98
74) Fluoranthene	12.29	202	427434	41.24	ng		99
76) Benzidine	12.42	184	118040	30.17	ng		99
77) Pyrene	12.51	202	452122	48.10	ng		99
79) Butylbenzylphthalate	13.14	149	204836	51.51	ng		92
80) Benzo(a)anthracene	13.70	228	331294	45.70	ng		99
81) 3,3'-Dichlorobenzidine	13.67	252	75894	31.56	ng		99
82) Chrysene	13.74	228	345863	49.95	ng		99
83) Bis(2-ethylhexyl)phthalate	13.71	149	285886	54.21	ng	#	94
84) Di-n-octyl phthalate	14.32	149	434918	49.98	ng		100
85) Indeno(1,2,3-cd)pyrene	16.27	276	249995	49.71	ng		99
87) Benzo(b)fluoranthene	14.70	252	298837m	45.41	ng		
88) Benzo(k)fluoranthene	14.72	252	229167m	48.69	ng		
89) Benzo(a)pyrene	14.99	252	239294	46.84	ng		100
90) Dibenzo(a,h)anthracene	16.29	278	208616	51.71	ng		99
91) Benzo(g,h,i)perylene	16.63	276	213234	52.43	ng		97

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

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