Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089233.D
Acq On : 23 Jul 2016 12:59
Operator : UM/SJ
Sample : H4120-07MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

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

Manual Integrations
APPROVED
sohil
7/25/2016 6:43:00 PM

Quant Time: Jul 25 11:26:32 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	45324	20.00	ng		0.00
21) Naphthalene-d8	7.86	136	195091	20.00	ng		-0.01
38) Acenaphthene-d10	9.61	164	90904	20.00	ng		0.00
63) Phenanthrene-d10	11.09	188	176864	20.00	ng		0.00
75) Chrysene-d12	13.71	240	109972	20.00	ng		0.00
86) Perylene-d12	15.05	264	86587	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	228859	76.80	ng		0.01
7) Phenol-d6	6.24	99	210038	54.65	ng		0.00
23) Nitrobenzene-d5	7.15	82	353709	96.33	ng		0.00
41) 2,4,6-Tribromophenol	10.41	330	111098	135.74	ng		0.01
44) 2-Fluorobiphenyl	8.95	172	643640	97.56	ng		0.00
78) Terphenyl-d14	12.67	244	550071	108.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	26890	20.78	ng		93
3) Pyridine	2.68	79	51081	15.54	ng		98
4) n-Nitrosodimethylamine	2.65	42	25723	18.59	ng		96
6) Aniline	6.25	93	116577	22.45	ng	#	86
8) 2-Chlorophenol	6.36	128	134872	40.78	ng		91
9) Benzaldehyde	6.12	77	34928	14.72	ng		94
10) Phenol	6.25	94	74965	16.93	ng	#	55
11) bis(2-Chloroethyl)ether	6.33	93	157058	47.23	ng		96
12) 1,3-Dichlorobenzene	6.51	146	137126	37.55	ng		99
13) 1,4-Dichlorobenzene	6.59	146	146430	39.81	ng		98
14) 1,2-Dichlorobenzene	6.75	146	143468	41.37	ng		98
15) Benzyl Alcohol	6.74	79	96696	34.36	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.88	45	170861	45.10	ng	#	55
17) 2-Methylphenol	6.87	107	85821	32.95	ng		95
18) Hexachloroethane	7.08	117	54049	39.10	ng		97
19) n-Nitroso-di-n-propylamine	7.02	70	117852	46.89	ng		100
20) 3+4-Methylphenols	7.02	107	109530	30.97	ng	#	70
22) Acetophenone	7.00	105	222576	42.72	ng	#	98
24) Nitrobenzene	7.18	77	170853	44.12	ng		97
25) Isophorone	7.42	82	310345	45.86	ng		100
26) 2-Nitrophenol	7.50	139	75362	41.73	ng	#	78
27) 2,4-Dimethylphenol	7.54	122	107402	35.29	ng		98
28) bis(2-Chloroethoxy)methane	7.63	93	192625	45.51	ng		99
29) 2,4-Dichlorophenol	7.74	162	119291	43.50	ng		98
30) 1,2,4-Trichlorobenzene	7.82	180	127057	41.85	ng		100
31) Naphthalene	7.88	128	412323m	39.16	ng		
32) Benzoic acid	7.67	122	31405	13.42	ng		90
33) 4-Chloroaniline	7.95	127	108219	24.44	ng		97
34) Hexachlorobutadiene	8.01	225	66558	39.39	ng		96
35) Caprolactam	8.34	113	8936m	10.49	ng		
36) 4-Chloro-3-methylphenol	8.44	107	130380	39.46	ng		89
37) 2-Methylnaphthalene	8.58	142	295723	44.04	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	120364	35.62	ng		99
40) Hexachlorocyclopentadiene	8.73	237	88413	78.35	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	79684	42.14	ng		98
43) 2,4,5-Trichlorophenol	8.91	196	91403	48.15	ng		95
45) 1,1'-Biphenyl	9.05	154	343753	41.99	ng		95
46) 2-Chloronaphthalene	9.06	162	269712	43.36	ng		98
47) 2-Nitroaniline	9.18	65	95260	44.64	ng	#	76
48) Acenaphthylene	9.47	152	425881	43.54	ng		100
49) Dimethylphthalate	9.36	163	360077	51.62	ng		98
50) 2,6-Dinitrotoluene	9.42	165	74284	47.17	ng	#	71
51) Acenaphthene	9.64	154	244694	42.29	ng		99
52) 3-Nitroaniline	9.59	138	51475	27.52	ng		89
53) 2,4-Dinitrophenol	9.70	184	66908	82.95	ng	#	88
54) Dibenzofuran	9.82	168	367022	46.95	ng		96
55) 4-Nitrophenol	9.77	139	46024m	40.67	ng		
56) 2,4-Dinitrotoluene	9.83	165	95419	47.04	ng	#	72
57) Fluorene	10.16	166	304680	45.91	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.94	232	66383m	48.69	ng		
59) Diethylphthalate	10.06	149	352747	51.00	ng		96
60) 4-Chlorophenyl-phenylether	10.16	204	146097	48.23	ng	#	87
61) 4-Nitroaniline	10.20	138	76161	41.85	ng		93
62) Azobenzene	10.32	77	382348	50.86	ng		89
64) 4,6-Dinitro-2-methylphenol	10.23	198	47455	46.09	ng	#	59
65) n-Nitrosodiphenylamine	10.28	169	282375	47.77	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	80976	46.27	ng	#	87
67) Hexachlorobenzene	10.71	284	86918	46.17	ng	#	91
68) Atrazine	10.81	200	76403	41.33	ng		98
69) Pentachlorophenol	10.90	266	81637	94.00	ng		99
70) Phenanthrene	11.11	178	428022	44.12	ng		99
71) Anthracene	11.17	178	493756	48.96	ng		99
72) Carbazole	11.33	167	438009	49.45	ng		100
73) Di-n-butylphthalate	11.67	149	567949	51.84	ng		98
74) Fluoranthene	12.29	202	443956	43.53	ng		99
76) Benzidine	12.42	184	121734	32.20	ng		98
77) Pyrene	12.51	202	459595	50.60	ng		100
79) Butylbenzylphthalate	13.14	149	210496	54.79	ng		93
80) Benzo(a)anthracene	13.70	228	332483	47.47	ng		99
81) 3,3'-Dichlorobenzidine	13.67	252	86001	37.02	ng		98
82) Chrysene	13.74	228	356625	53.31	ng		100
83) Bis(2-ethylhexyl)phthalate	13.71	149	290350	56.98	ng	#	95
84) Di-n-octyl phthalate	14.32	149	438206	52.12	ng		100
85) Indeno(1,2,3-cd)pyrene	16.27	276	257945	53.08	ng		99
87) Benzo(b)fluoranthene	14.70	252	308361m	49.17	ng		
88) Benzo(k)fluoranthene	14.72	252	226402m	50.48	ng		
89) Benzo(a)pyrene	14.99	252	245671	50.46	ng		99
90) Dibenzo(a,h)anthracene	16.29	278	216822	56.40	ng		99
91) Benzo(g,h,i)perylene	16.63	276	220823	56.97	ng		97

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

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