Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
Data File : BF088289.D
Acq On : 23 Jun 2016 11:49
Operator : UM/SJ
Sample : H3084-08MSD
Misc :
ALS Vial : 42 Sample Multiplier: 0.25

Instrument :
BNA_F
ClientSampleId :
SS043MW011-160512MSD

Manual Integrations APPROVED
umangi
6/23/2016 7:03:52 PM

Quant Time: Jun 23 16:46:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	21302	5.00	ng		0.00
21) Naphthalene-d8	7.90	136	81307	5.00	ng		0.00
38) Acenaphthene-d10	9.63	164	35511	5.00	ng		-0.01
63) Phenanthrene-d10	11.12	188	54871	5.00	ng		0.00
75) Chrysene-d12	13.75	240	47116	5.00	ng		0.00
86) Perylene-d12	15.12	264	35367	5.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	14830	2.98	ng		0.03
7) Phenol-d6	6.28	99	13786	2.28	ng		0.02
23) Nitrobenzene-d5	7.18	82	23160	4.16	ng		0.00
41) 2,4,6-Tribromophenol	10.43	330	10436	6.96	ng		0.00
44) 2-Fluorobiphenyl	8.98	172	32759	2.39	ng		0.01
78) Terphenyl-d14	12.70	244	40776	4.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	168693	69.65	ng	#	44
3) Pyridine	2.89	79	4742m	0.83	ng		
4) n-Nitrosodimethylamine	2.72	42	1584	0.65	ng	#	75
6) Aniline	6.27	93	5742	0.67	ng	#	84
8) 2-Chlorophenol	6.40	128	20076	3.40	ng		88
9) Benzaldehyde	6.15	77	17219	3.55	ng		86
10) Phenol	6.30	94	7920	0.69	ng		86
11) bis(2-Chloroethyl)ether	6.34	93	114590	21.63	ng		86
12) 1,3-Dichlorobenzene	6.54	146	23384	3.69	ng		95
13) 1,4-Dichlorobenzene	6.62	146	50001	7.84	ng		98
14) 1,2-Dichlorobenzene	6.78	146	33789	5.83	ng		97
15) Benzyl Alcohol	6.76	79	13165	2.79	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.89	45	24461	3.42	ng		74
17) 2-Methylphenol	6.90	107	12381	2.59	ng	#	91
18) Hexachloroethane	7.11	117	5127	2.27	ng	#	86
19) n-Nitroso-di-n-propylamine	7.03	70	17286	4.47	ng	#	85
20) 3+4-Methylphenols	7.06	107	18052	3.23	ng	#	76
22) Acetophenone	7.03	105	32570	4.48	ng	#	96
24) Nitrobenzene	7.20	77	24360	4.52	ng		98
25) Isophorone	7.44	82	45340	4.39	ng		94
26) 2-Nitrophenol	7.52	139	11151m	3.86	ng		
27) 2,4-Dimethylphenol	7.58	122	21372	4.02	ng		97
28) bis(2-Chloroethoxy)methane	7.66	93	31740	4.96	ng		98
29) 2,4-Dichlorophenol	7.78	162	18142	4.08	ng		96
30) 1,2,4-Trichlorobenzene	7.84	180	18774	3.88	ng		98
31) Naphthalene	7.91	128	72198	4.49	ng		99
32) Benzoic acid	7.71	122	3244	1.11	ng		92
33) 4-Chloroaniline	7.99	127	5615	0.78	ng		97
34) Hexachlorobutadiene	8.03	225	10663	4.18	ng		96
35) Caprolactam	8.38	113	2953	2.01	ng	#	69
36) 4-Chloro-3-methylphenol	8.49	107	32234	6.78	ng	#	76
37) 2-Methylnaphthalene	8.60	142	53693	5.06	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	18728	4.10	ng	#	1
42) 2,4,6-Trichlorophenol	8.92	196	13542	4.77	ng		99

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Quant Time: Jun 23 16:46:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.97	196	7114	2.41	ng		98
45) 1,1'-Biphenyl	9.07	154	64514	5.22	ng		94
46) 2-Chloronaphthalene	9.10	162	48463	5.27	ng		94
47) 2-Nitroaniline	9.20	65	15734	5.80	ng		95
48) Acenaphthylene	9.50	152	68422	4.68	ng		100
49) Dimethylphthalate	9.37	163	81627	7.93	ng		99
50) 2,6-Dinitrotoluene	9.44	165	11606	4.93	ng	#	80
51) Acenaphthene	9.67	154	58198	6.38	ng		100
52) 3-Nitroaniline	9.62	138	12838	4.72	ng	#	73
53) 2,4-Dinitrophenol	9.76	184	292	1.05	ng	#	81
54) Dibenzofuran	9.84	168	60896	4.85	ng	#	87
55) 4-Nitrophenol	9.84	139	31896	15.11	ng	#	13
56) 2,4-Dinitrotoluene	9.85	165	13014	4.30	ng	#	75
57) Fluorene	10.18	166	60969	6.69	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	8777	3.78	ng	#	52
59) Diethylphthalate	10.07	149	59003	5.67	ng		96
60) 4-Chlorophenyl-phenylether	10.18	204	23674	5.67	ng		95
61) 4-Nitroaniline	10.23	138	10602	4.11	ng		98
62) Azobenzene	10.34	77	45865	4.45	ng		94
65) n-Nitrosodiphenylamine	10.31	169	44483	6.11	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	12349	5.24	ng	#	72
67) Hexachlorobenzene	10.73	284	12859	5.26	ng	#	86
68) Atrazine	10.84	200	6059	2.75	ng		90
69) Pentachlorophenol	10.94	266	7855	6.09	ng		98
70) Phenanthrene	11.14	178	65169	5.66	ng		98
71) Anthracene	11.19	178	65001	5.60	ng		97
72) Carbazole	11.36	167	63537	5.84	ng		99
73) Di-n-butylphthalate	11.69	149	88959	6.46	ng		98
74) Fluoranthene	12.33	202	61053	5.02	ng		95
77) Pyrene	12.55	202	68436	4.89	ng		98
79) Butylbenzylphthalate	13.18	149	29891	4.83	ng		88
80) Benzo(a)anthracene	13.74	228	59220	5.51	ng		98
82) Chrysene	13.77	228	51678	5.11	ng		97
83) Bis(2-ethylhexyl)phthalate	13.74	149	47511	6.31	ng	#	99
84) Di-n-octyl phthalate	14.34	149	75088	6.14	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.39	276	36578	3.90	ng	#	100
87) Benzo(b)fluoranthene	14.74	252	48242m	4.89	ng		
88) Benzo(k)fluoranthene	14.77	252	48212m	6.48	ng		
89) Benzo(a)pyrene	15.06	252	40178	5.04	ng		99
90) Dibenzo(a,h)anthracene	16.39	278	30981	4.18	ng		97
91) Benzo(g,h,i)perylene	16.77	276	28919	3.79	ng		97

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

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