Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061516\
Data File : BF088062.D
Acq On : 16 Jun 2016 4:56
Operator : UM/SJ
Sample : H3571-12MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-26-COMPMSD

Manual Integrations APPROVED
umangi
6/16/2016 6:46:42 PM

Quant Time: Jun 16 07:34:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 16 03:20:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	108384	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	442959	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	190782	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	301723	20.00	ng		0.00
75) Chrysene-d12	13.90	240	212167	20.00	ng		0.00
86) Perylene-d12	15.29	264	220204	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	731315	115.35	ng		0.02
7) Phenol-d6	6.40	99	903652	117.61	ng		0.01
23) Nitrobenzene-d5	7.31	82	516724	68.12	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	163854	81.34	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	954312	78.13	ng		-0.01
78) Terphenyl-d14	12.85	244	601187	64.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	92213	29.93	ng	#	39
3) Pyridine	3.02	79	263201	36.19	ng		94
4) n-Nitrosodimethylamine	2.97	42	110325	35.81	ng		81
6) Aniline	6.41	93	261410	23.90	ng	#	27
8) 2-Chlorophenol	6.54	128	267846	35.69	ng	#	80
10) Phenol	6.41	94	319923	40.05	ng		81
11) bis(2-Chloroethyl)ether	6.49	93	264365	39.24	ng	#	83
12) 1,3-Dichlorobenzene	6.68	146	298391m	37.06	ng		
13) 1,4-Dichlorobenzene	6.76	146	304903	37.59	ng		97
14) 1,2-Dichlorobenzene	6.91	146	271517m	36.81	ng		
15) Benzyl Alcohol	6.89	79	192674	32.05	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	319510	35.10	ng		86
17) 2-Methylphenol	7.02	107	229350	37.69	ng		98
18) Hexachloroethane	7.26	117	105598	36.69	ng		94
19) n-Nitroso-di-n-propylamine	7.16	70	172515	35.10	ng		91
20) 3+4-Methylphenols	7.16	107	264727	37.28	ng	#	75
22) Acetophenone	7.16	105	360971	36.47	ng	#	95
24) Nitrobenzene	7.34	77	297887	40.54	ng		100
25) Isophorone	7.58	82	498494	35.48	ng		98
26) 2-Nitrophenol	7.64	139	145195	36.89	ng		97
27) 2,4-Dimethylphenol	7.70	122	258812	35.71	ng		99
28) bis(2-Chloroethoxy)methane	7.79	93	340417	39.06	ng		98
29) 2,4-Dichlorophenol	7.90	162	231794	38.31	ng		97
30) 1,2,4-Trichlorobenzene	7.98	180	235614	35.76	ng		99
31) Naphthalene	8.06	128	815901	37.22	ng		99
32) Benzoic acid	7.82	122	69742	17.48	ng		96
33) 4-Chloroaniline	8.10	127	150594	15.38	ng		98
34) Hexachlorobutadiene	8.17	225	113335	32.62	ng		98
35) Caprolactam	8.48	113	70199m	35.02	ng		
36) 4-Chloro-3-methylphenol	8.60	107	240039	37.09	ng		93
37) 2-Methylnaphthalene	8.74	142	478642	33.13	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	215480	42.63	ng	#	1
40) Hexachlorocyclopentadiene	8.90	237	80751	26.24	ng		97
42) 2,4,6-Trichlorophenol	9.03	196	141896	37.19	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.07	196	139905	35.25	ng	#	89
45) 1,1'-Biphenyl	9.21	154	597545	41.20	ng		98
46) 2-Chloronaphthalene	9.23	162	457474	37.06	ng		98
47) 2-Nitroaniline	9.34	65	142413	39.10	ng	#	68
48) Acenaphthylene	9.64	152	666687	33.95	ng		100
49) Dimethylphthalate	9.52	163	781790	56.57	ng		100
50) 2,6-Dinitrotoluene	9.58	165	111241	35.15	ng	#	68
51) Acenaphthene	9.82	154	431021	35.18	ng		100
52) 3-Nitroaniline	9.75	138	79075	21.65	ng	#	67
53) 2,4-Dinitrophenol	9.85	184	64432	42.87	ng		96
54) Dibenzofuran	9.99	168	568418	33.69	ng	#	90
55) 4-Nitrophenol	9.92	139	172189	60.75	ng		87
56) 2,4-Dinitrotoluene	9.98	165	136335	33.52	ng	#	58
57) Fluorene	10.33	166	430410	36.88	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.11	232	116328	37.29	ng	#	59
59) Diethylphthalate	10.22	149	535824	38.30	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	198647	35.41	ng	#	84
61) 4-Nitroaniline	10.35	138	99660	28.77	ng		98
62) Azobenzene	10.48	77	488215	35.29	ng		94
64) 4,6-Dinitro-2-methylphenol	10.39	198	60396	32.78	ng	#	76
65) n-Nitrosodiphenylamine	10.44	169	409120	40.86	ng		100
66) 4-Bromophenyl-phenylether	10.81	248	125160	38.67	ng	#	86
67) Hexachlorobenzene	10.88	284	132141	39.29	ng	#	81
68) Atrazine	10.97	200	112884	37.23	ng		90
69) Pentachlorophenol	11.07	266	119486	67.40	ng		97
70) Phenanthrene	11.29	178	631751	39.90	ng		99
71) Anthracene	11.34	178	574719	35.99	ng		99
72) Carbazole	11.50	167	574784	38.46	ng		99
73) Di-n-butylphthalate	11.83	149	703396	37.18	ng		100
74) Fluoranthene	12.47	202	508169	30.41	ng		98
76) Benzidine	12.59	184	293713	50.00	ng		99
77) Pyrene	12.70	202	525189	33.36	ng		100
79) Butylbenzylphthalate	13.33	149	263984	37.92	ng		98
80) Benzo(a)anthracene	13.89	228	445424	36.84	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	136034	41.84	ng	#	98
82) Chrysene	13.92	228	403019	35.43	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	326122	38.49	ng		99
84) Di-n-octyl phthalate	14.49	149	601527	43.69	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.63	276	422069	39.94	ng	#	100
87) Benzo(b)fluoranthene	14.90	252	496499m	32.35	ng		
88) Benzo(k)fluoranthene	14.93	252	420905m	36.35	ng		
89) Benzo(a)pyrene	15.23	252	444784	35.82	ng		99
90) Dibenzo(a,h)anthracene	16.64	278	360379	31.25	ng		98
91) Benzo(g,h,i)perylene	17.03	276	345528	29.13	ng		97

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

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