Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088414.D
Acq On : 26 Jun 2016 13:10
Operator : UM/SJ
Sample : H3597-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EDD-3EMS

Manual Integrations APPROVED
sohil
6/27/2016 8:01:42 PM

Quant Time: Jun 27 09:22:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 04:28:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	80451m	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	350613	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	157333	20.00	ng		-0.01
63) Phenanthrene-d10	11.06	188	298767	20.00	ng		0.00
75) Chrysene-d12	13.68	240	223959	20.00	ng		-0.01
86) Perylene-d12	15.03	264	205127	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	453588	96.39	ng		0.01
7) Phenol-d6	6.23	99	567462	99.50	ng		0.00
23) Nitrobenzene-d5	7.13	82	353106	58.81	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	137727	82.90	ng		0.00
44) 2-Fluorobiphenyl	8.91	172	651632	63.67	ng		-0.01
78) Terphenyl-d14	12.64	244	637916	64.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.03	88	55232	24.15	ng	#	34
3) Pyridine	2.66	79	138120	25.58	ng		91
4) n-Nitrosodimethylamine	2.63	42	64464	28.19	ng		78
6) Aniline	6.22	93	135915m	16.74	ng		
8) 2-Chlorophenol	6.34	128	196539	35.28	ng		85
10) Phenol	6.24	94	240958	40.68	ng		97
11) bis(2-Chloroethyl)ether	6.30	93	201746	40.34	ng		88
12) 1,3-Dichlorobenzene	6.49	146	201579m	33.73	ng		
13) 1,4-Dichlorobenzene	6.57	146	200129m	33.24	ng		
14) 1,2-Dichlorobenzene	6.72	146	201913	36.88	ng		95
15) Benzyl Alcohol	6.72	79	142227	31.88	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	190981	28.27	ng	#	5
17) 2-Methylphenol	6.84	107	154045m	34.10	ng		
18) Hexachloroethane	7.05	117	73827	34.56	ng	#	86
19) n-Nitroso-di-n-propylamine	6.98	70	122094	33.46	ng		88
20) 3+4-Methylphenols	7.00	107	187234	35.52	ng	#	77
22) Acetophenone	6.97	105	264882	33.81	ng	#	97
24) Nitrobenzene	7.14	77	172903	29.73	ng		90
25) Isophorone	7.38	82	341790	30.73	ng		98
26) 2-Nitrophenol	7.46	139	98055	31.47	ng	#	87
27) 2,4-Dimethylphenol	7.52	122	173458	30.24	ng		93
28) bis(2-Chloroethoxy)methane	7.61	93	216378	31.37	ng		98
29) 2,4-Dichlorophenol	7.71	162	169832	35.46	ng		99
30) 1,2,4-Trichlorobenzene	7.78	180	170364	32.67	ng		99
31) Naphthalene	7.86	128	576933	33.25	ng		98
33) 4-Chloroaniline	7.93	127	127668	16.48	ng	#	94
34) Hexachlorobutadiene	7.98	225	90640	32.96	ng		97
35) Caprolactam	8.30	113	51206	32.28	ng	#	85
36) 4-Chloro-3-methylphenol	8.43	107	168136	32.83	ng		91
37) 2-Methylnaphthalene	8.55	142	363195m	31.76	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	160016	36.76	ng	#	1
40) Hexachlorocyclopentadiene	8.70	237	38291	15.09	ng		99
42) 2,4,6-Trichlorophenol	8.84	196	82811	26.32	ng		98
43) 2,4,5-Trichlorophenol	8.89	196	97223	29.70	ng	#	90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.02	154	458141	37.80	ng		96
46) 2-Chloronaphthalene	9.04	162	356471	35.01	ng		94
47) 2-Nitroaniline	9.15	65	96607	32.17	ng	#	58
48) Acenaphthylene	9.44	152	520934	32.17	ng		100
49) Dimethylphthalate	9.32	163	620479	54.44	ng		100
50) 2,6-Dinitrotoluene	9.39	165	95762	36.69	ng	#	88
51) Acenaphthene	9.61	154	307041	30.39	ng		99
52) 3-Nitroaniline	9.56	138	71769	23.83	ng		81
54) Dibenzofuran	9.78	168	462836	33.27	ng	#	85
55) 4-Nitrophenol	9.77	139	38348m	16.40	ng		
56) 2,4-Dinitrotoluene	9.79	165	116466	34.72	ng	#	55
57) Fluorene	10.12	166	351015	36.41	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.92	232	66710	25.93	ng	#	57
59) Diethylphthalate	10.02	149	432061	37.45	ng		98
60) 4-Chlorophenyl-phenylether	10.12	204	161433	34.89	ng		99
61) 4-Nitroaniline	10.18	138	97195	34.02	ng		96
62) Azobenzene	10.28	77	387086	33.93	ng		91
64) 4,6-Dinitro-2-methylphenol	10.20	198	23299	14.09	ng		88
65) n-Nitrosodiphenylamine	10.25	169	345838	34.88	ng		100
66) 4-Bromophenyl-phenylether	10.60	248	103588	32.32	ng	#	81
67) Hexachlorobenzene	10.67	284	109645	32.92	ng	#	84
68) Atrazine	10.78	200	96689	32.21	ng		91
69) Pentachlorophenol	10.88	266	47396	27.00	ng		98
70) Phenanthrene	11.08	178	524801	33.47	ng		99
71) Anthracene	11.13	178	556053	35.16	ng		99
72) Carbazole	11.30	167	560542	37.88	ng		97
73) Di-n-butylphthalate	11.63	149	654209	34.92	ng	#	98
74) Fluoranthene	12.26	202	588260	35.56	ng		97
76) Benzidine	12.40	184	170836	27.55	ng		97
77) Pyrene	12.48	202	565841	34.05	ng		99
79) Butylbenzylphthalate	13.11	149	254701	34.66	ng	#	83
80) Benzo(a)anthracene	13.67	228	414961	32.51	ng		100
81) 3,3'-Dichlorobenzidine	13.65	252	112185	32.69	ng		99
82) Chrysene	13.71	228	473043	39.40	ng		97
83) Bis(2-ethylhexyl)phthalate	13.67	149	333048	37.24	ng		99
84) Di-n-octyl phthalate	14.29	149	637472	43.86	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.25	276	381785	34.22	ng	#	100
87) Benzo(b)fluoranthene	14.67	252	431918m	30.21	ng		
88) Benzo(k)fluoranthene	14.70	252	401600m	37.24	ng		
89) Benzo(a)pyrene	14.98	252	398483	34.45	ng	#	95
90) Dibenzo(a,h)anthracene	16.25	278	313391	29.17	ng		97
91) Benzo(g,h,i)perylene	16.62	276	319874	28.94	ng		99

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

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