Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
Data File : BF087610.D
Acq On : 1 Jun 2016 7:45
Operator : UM/SJ
Sample : H3323-08MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-COMPMSD

Manual Integrations APPROVED
sohil
6/1/2016 6:34:34 PM

Quant Time: Jun 01 13:33:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 01 07:48:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	119692	20.00	ng		-0.01
21) Naphthalene-d8	9.47	136	496485	20.00	ng		0.00
38) Acenaphthene-d10	12.30	164	221106	20.00	ng		-0.01
63) Phenanthrene-d10	14.71	188	364973	20.00	ng		0.00
75) Chrysene-d12	18.42	240	274631	20.00	ng		0.00
86) Perylene-d12	20.10	264	226253	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	725389	106.49	ng		0.01
7) Phenol-d6	7.02	99	956310	103.90	ng		0.00
23) Nitrobenzene-d5	8.36	82	647198	65.70	ng		-0.01
41) 2,4,6-Tribromophenol	13.60	330	194212	91.40	ng		-0.01
44) 2-Fluorobiphenyl	11.25	172	1059928	67.58	ng		-0.01
78) Terphenyl-d14	17.06	244	770666	59.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.80	88	73753	20.52	ng	#	62
3) Pyridine	2.39	79	184358	23.46	ng	#	62
4) n-Nitrosodimethylamine	2.35	42	199723	32.99	ng	#	39
6) Aniline	6.95	93	313395	26.32	ng		96
8) 2-Chlorophenol	7.13	128	295690	34.81	ng		88
9) Benzaldehyde	6.82	77	34747	6.84	ng		95
10) Phenol	7.04	94	365589	36.37	ng		79
11) bis(2-Chloroethyl)ether	7.08	93	296936	36.50	ng		86
12) 1,3-Dichlorobenzene	7.34	146	297122	32.07	ng	#	93
13) 1,4-Dichlorobenzene	7.46	146	306347m	32.21	ng		
14) 1,2-Dichlorobenzene	7.70	146	296079	33.65	ng		99
15) Benzyl Alcohol	7.76	79	269369	40.14	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.94	45	574845	31.41	ng		88
17) 2-Methylphenol	7.99	107	246287	36.18	ng	#	90
18) Hexachloroethane	8.20	117	113319	31.93	ng		99
19) n-Nitroso-di-n-propylamine	8.17	70	245569	35.78	ng	#	73
20) 3+4-Methylphenols	8.25	107	310330	37.71	ng	#	58
22) Acetophenone	8.14	105	425957	35.91	ng	#	98
24) Nitrobenzene	8.40	77	344507	33.13	ng		98
25) Isophorone	8.79	82	597728	33.83	ng		99
26) 2-Nitrophenol	8.90	139	146890	34.56	ng	#	71
27) 2,4-Dimethylphenol	9.05	122	260027	35.24	ng	#	84
28) bis(2-Chloroethoxy)methane	9.16	93	353208	35.49	ng	#	98
29) 2,4-Dichlorophenol	9.35	162	231243	34.77	ng		97
30) 1,2,4-Trichlorobenzene	9.40	180	254339	33.41	ng		97
31) Naphthalene	9.51	128	836561	33.63	ng		100
32) Benzoic acid	9.38	122	58255m	19.30	ng		
33) 4-Chloroaniline	9.68	127	189383	20.67	ng	#	88
34) Hexachlorobutadiene	9.71	225	149738	32.36	ng		98
35) Caprolactam	10.28	113	70125m	36.13	ng		
36) 4-Chloro-3-methylphenol	10.55	107	263850	35.09	ng		93
37) 2-Methylnaphthalene	10.63	142	536887m	34.54	ng		
39) 1,2,4,5-Tetrachlorobenzene	10.90	216	233432	32.98	ng		99
40) Hexachlorocyclopentadiene	10.87	237	21566	15.99	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.14	196	152749	37.39	ng		96
43) 2,4,5-Trichlorophenol	11.25	196	135277	32.52	ng	#	85
45) 1,1'-Biphenyl	11.39	154	660765	35.49	ng		97
46) 2-Chloronaphthalene	11.42	162	481306	33.79	ng		94
47) 2-Nitroaniline	11.65	65	195401	38.08	ng	#	67
48) Acenaphthylene	12.07	152	734193	32.56	ng		99
49) Dimethylphthalate	11.95	163	664984	37.54	ng		99
50) 2,6-Dinitrotoluene	12.06	165	120453	33.75	ng	#	73
51) Acenaphthene	12.35	154	457025	32.98	ng		98
52) 3-Nitroaniline	12.34	138	93306	25.47	ng	#	89
53) 2,4-Dinitrophenol	12.57	184	37140	25.22	ng	#	78
54) Dibenzofuran	12.64	168	661016	35.23	ng		94
55) 4-Nitrophenol	12.77	139	126994	72.68	ng	#	59
56) 2,4-Dinitrotoluene	12.73	165	155638	32.63	ng		94
57) Fluorene	13.19	166	518004	31.84	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.89	232	116365	36.36	ng		99
59) Diethylphthalate	13.10	149	596947	34.67	ng		100
60) 4-Chlorophenyl-phenylether	13.22	204	253413	31.94	ng		88
61) 4-Nitroaniline	13.35	138	103154	30.17	ng	#	67
62) Azobenzene	13.47	77	649813	36.37	ng		85
64) 4,6-Dinitro-2-methylphenol	13.41	198	38778	16.71	ng	#	65
65) n-Nitrosodiphenylamine	13.44	169	449336	38.07	ng		98
66) 4-Bromophenyl-phenylether	14.00	248	141686	35.49	ng		97
67) Hexachlorobenzene	14.08	284	140562	33.66	ng	#	83
68) Atrazine	14.35	200	134697	35.80	ng		94
69) Pentachlorophenol	14.45	266	96903	75.08	ng		96
70) Phenanthrene	14.74	178	692926	34.28	ng		99
71) Anthracene	14.82	178	700386	34.29	ng		100
72) Carbazole	15.13	167	619815	35.58	ng		99
73) Di-n-butylphthalate	15.69	149	791652	35.14	ng	#	98
74) Fluoranthene	16.51	202	656631	32.39	ng		93
76) Benzidine	16.75	184	298206	42.20	ng		96
77) Pyrene	16.82	202	646657	32.71	ng		99
79) Butylbenzylphthalate	17.73	149	308327	35.17	ng	#	86
80) Benzo(a)anthracene	18.41	228	532898	34.11	ng		99
81) 3,3'-Dichlorobenzidine	18.39	252	148856	17.25	ng	#	97
82) Chrysene	18.46	228	513114	33.10	ng		99
83) Bis(2-ethylhexyl)phthalate	18.47	149	423040	33.07	ng		98
84) Di-n-octyl phthalate	19.23	149	649180	33.28	ng	#	86
85) Indeno(1,2,3-cd)pyrene	21.33	276	406336	32.69	ng		93
87) Benzo(b)fluoranthene	19.69	252	430308m	29.86	ng		
88) Benzo(k)fluoranthene	19.71	252	497239m	40.08	ng		
89) Benzo(a)pyrene	20.05	252	413570	33.18	ng		97
90) Dibenzo(a,h)anthracene	21.31	278	345321	32.48	ng	#	95
91) Benzo(g,h,i)perylene	21.68	276	311533	29.70	ng	#	93

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

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