Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
Data File : BF088770.D
Acq On : 7 Jul 2016 8:40
Operator : UM/SJ
Sample : H3897-02MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-COMPMS

Manual Integrations APPROVED
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7/7/2016 6:10:19 PM

Quant Time: Jul 07 15:00:19 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 17:15:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	90464	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	349915	20.00	ng		-0.03
38) Acenaphthene-d10	9.78	164	153283	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	255181	20.00	ng		-0.03
75) Chrysene-d12	13.89	240	174836	20.00	ng		-0.03
86) Perylene-d12	15.27	264	167872	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	482248	79.89	ng		-0.02
7) Phenol-d6	6.39	99	667436	85.57	ng		-0.02
23) Nitrobenzene-d5	7.31	82	405296	60.70	ng		-0.03
41) 2,4,6-Tribromophenol	10.57	330	122200	85.85	ng		-0.03
44) 2-Fluorobiphenyl	9.12	172	746719	76.95	ng		-0.02
78) Terphenyl-d14	12.85	244	497378	63.36	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	59164	19.77	ng	#	29
3) Pyridine	2.99	79	153524	17.68	ng		93
4) n-Nitrosodimethylamine	2.95	42	68227	20.57	ng		92
6) Aniline	6.41	93	168811	14.85	ng	#	70
8) 2-Chlorophenol	6.54	128	180525	27.83	ng		90
9) Benzaldehyde	6.28	77	116859	22.12	ng	#	79
10) Phenol	6.40	94	179826	20.20	ng	#	51
11) bis(2-Chloroethyl)ether	6.49	93	166593	25.10	ng		89
12) 1,3-Dichlorobenzene	6.68	146	166864	23.37	ng	#	93
13) 1,4-Dichlorobenzene	6.76	146	168969	23.85	ng		94
14) 1,2-Dichlorobenzene	6.92	146	172204	25.96	ng		96
15) Benzyl Alcohol	6.89	79	145465	25.34	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.04	45	196580	20.45	ng		89
17) 2-Methylphenol	7.02	107	151212	28.57	ng		98
18) Hexachloroethane	7.27	117	63708	23.24	ng		97
19) n-Nitroso-di-n-propylamine	7.18	70	125729	24.00	ng	#	79
20) 3+4-Methylphenols	7.16	107	164168	25.85	ng	#	71
22) Acetophenone	7.16	105	243232	28.64	ng	#	89
24) Nitrobenzene	7.34	77	203909	30.29	ng		89
25) Isophorone	7.58	82	333554	26.97	ng		96
26) 2-Nitrophenol	7.66	139	85202	30.86	ng	#	83
27) 2,4-Dimethylphenol	7.70	122	146507	25.48	ng		95
28) bis(2-Chloroethoxy)methane	7.79	93	229465	28.51	ng	#	95
29) 2,4-Dichlorophenol	7.90	162	139214	29.96	ng		97
30) 1,2,4-Trichlorobenzene	7.98	180	136980	26.86	ng		98
31) Naphthalene	8.06	128	493325	28.60	ng		99
32) Benzoic acid	7.78	122	26196	6.27	ng		97
33) 4-Chloroaniline	8.10	127	89470	11.66	ng		93
34) Hexachlorobutadiene	8.18	225	81787	29.95	ng		98
35) Caprolactam	8.47	113	41363	26.21	ng	#	60
36) 4-Chloro-3-methylphenol	8.59	107	144198	26.24	ng		92
37) 2-Methylnaphthalene	8.75	142	310662	27.97	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	121458	23.82	ng	#	1
40) Hexachlorocyclopentadiene	8.90	237	61890	24.73	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	92762	27.60	ng		98
43) 2,4,5-Trichlorophenol	9.06	196	81726	28.26	ng	#	80
45) 1,1'-Biphenyl	9.21	154	347825	27.40	ng		99
46) 2-Chloronaphthalene	9.23	162	271839	27.28	ng		97
47) 2-Nitroaniline	9.32	65	80662	22.81	ng		92
48) Acenaphthylene	9.64	152	418248	26.38	ng		100
49) Dimethylphthalate	9.52	163	458301	41.97	ng		99
50) 2,6-Dinitrotoluene	9.58	165	78025	32.24	ng	#	79
51) Acenaphthene	9.82	154	246774	25.39	ng		98
52) 3-Nitroaniline	9.74	138	57805	18.79	ng		90
53) 2,4-Dinitrophenol	9.84	184	7735	7.24	ng	#	81
54) Dibenzofuran	9.99	168	373281	29.34	ng	#	88
55) 4-Nitrophenol	9.91	139	140632	60.15	ng		93
56) 2,4-Dinitrotoluene	9.98	165	100184	31.66	ng	#	77
57) Fluorene	10.33	166	286773	29.25	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.11	232	61405	27.44	ng	#	53
59) Diethylphthalate	10.22	149	356765	32.55	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	139431	30.61	ng		93
61) 4-Nitroaniline	10.34	138	53137	17.95	ng		81
62) Azobenzene	10.49	77	365271	29.22	ng		90
64) 4,6-Dinitro-2-methylphenol	10.38	198	8972	6.57	ng		95
65) n-Nitrosodiphenylamine	10.44	169	263148	30.47	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	74660	29.03	ng	#	74
67) Hexachlorobenzene	10.88	284	85624	30.08	ng	#	85
68) Atrazine	10.97	200	71766	26.67	ng		91
69) Pentachlorophenol	11.07	266	83460	49.54	ng		98
70) Phenanthrene	11.29	178	388955	27.88	ng		98
71) Anthracene	11.34	178	394029	28.41	ng		99
72) Carbazole	11.50	167	343342	26.30	ng		97
73) Di-n-butylphthalate	11.84	149	464212	30.57	ng	#	97
74) Fluoranthene	12.47	202	356823	25.23	ng		95
76) Benzidine	12.59	184	272907	30.88	ng		98
77) Pyrene	12.70	202	329414	22.22	ng		99
79) Butylbenzylphthalate	13.33	149	168147	25.43	ng		98
80) Benzo(a)anthracene	13.87	228	281104	24.97	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	88431	20.89	ng	#	96
82) Chrysene	13.91	228	238963	21.45	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	228322	30.24	ng		99
84) Di-n-octyl phthalate	14.49	149	361022	28.15	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	237922	27.76	ng	#	100
87) Benzo(b)fluoranthene	14.88	252	254179m	24.14	ng		
88) Benzo(k)fluoranthene	14.90	252	256919m	28.02	ng		
89) Benzo(a)pyrene	15.21	252	245443	27.53	ng	#	95
90) Dibenzo(a,h)anthracene	16.59	278	201674	27.09	ng		99
91) Benzo(g,h,i)perylene	16.97	276	187314	24.31	ng		98

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

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