Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
Data File : BF086582.D
Acq On : 1 May 2016 20:44
Operator : UM/SJ
Sample : H2683-16MSD
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)MS

Manual Integrations APPROVED
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5/2/2016 7:47:07 PM

Quant Time: May 02 05:17:45 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 02 04:16:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	139936	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	608897	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	287854	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	565976	20.00	ng		0.00
75) Chrysene-d12	13.92	240	376612	20.00	ng		0.00
86) Perylene-d12	15.31	264	307289	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1186793	146.29	ng		0.02
7) Phenol-d6	6.42	99	1471377	129.95	ng		0.01
23) Nitrobenzene-d5	7.33	82	1023612	90.61	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	458865	151.16	ng		0.01
44) 2-Fluorobiphenyl	9.13	172	1667110	106.82	ng		-0.01
78) Terphenyl-d14	12.86	244	1581482	92.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	150019	35.20	ng	#	71
3) Pyridine	3.13	79	359231m	35.62	ng		
4) n-Nitrosodimethylamine	3.05	42	288431	50.17	ng	#	56
6) Aniline	6.44	93	185297	13.52	ng	#	77
8) 2-Chlorophenol	6.56	128	453671	44.90	ng		95
9) Benzaldehyde	6.32	77	16009	2.43	ng		96
10) Phenol	6.43	94	592546	46.91	ng		92
11) bis(2-Chloroethyl)ether	6.51	93	454801	41.64	ng		89
12) 1,3-Dichlorobenzene	6.70	146	417472	38.41	ng	#	93
13) 1,4-Dichlorobenzene	6.78	146	447848	39.93	ng		96
14) 1,2-Dichlorobenzene	6.93	146	391006	38.02	ng		94
15) Benzyl Alcohol	6.92	79	316594	44.20	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.05	45	903853	41.35	ng		99
17) 2-Methylphenol	7.04	107	383445	46.95	ng	#	93
18) Hexachloroethane	7.28	117	164810	39.33	ng		99
19) n-Nitroso-di-n-propylamine	7.20	70	369988	49.43	ng	#	81
20) 3+4-Methylphenols	7.18	107	450746	48.34	ng	#	67
22) Acetophenone	7.18	105	636557	47.68	ng		94
24) Nitrobenzene	7.36	77	536588	46.18	ng		96
25) Isophorone	7.60	82	947512	43.58	ng		99
26) 2-Nitrophenol	7.68	139	247653	46.29	ng		95
27) 2,4-Dimethylphenol	7.72	122	449622	47.89	ng		94
28) bis(2-Chloroethoxy)methane	7.81	93	576965	48.71	ng		99
29) 2,4-Dichlorophenol	7.92	162	381600	48.18	ng		97
30) 1,2,4-Trichlorobenzene	8.00	180	384778	41.87	ng		98
31) Naphthalene	8.08	128	1432835	46.25	ng		99
32) Benzoic acid	7.86	122	235967	42.70	ng		99
33) 4-Chloroaniline	8.17	127	23515	2.03	ng	#	72
34) Hexachlorobutadiene	8.19	225	204284	39.66	ng		97
35) Caprolactam	8.51	113	115516m	43.72	ng		
36) 4-Chloro-3-methylphenol	8.62	107	446661	49.25	ng		95
37) 2-Methylnaphthalene	8.76	142	847397	46.35	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	358745	43.54	ng		97
40) Hexachlorocyclopentadiene	8.92	237	341931	83.51	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	251230	48.24	ng		94
43) 2,4,5-Trichlorophenol	9.09	196	260673	45.92	ng	#	81
45) 1,1'-Biphenyl	9.23	154	1044235	43.40	ng		96
46) 2-Chloronaphthalene	9.25	162	799693	43.71	ng		94
47) 2-Nitroaniline	9.36	65	321613	54.82	ng		86
48) Acenaphthylene	9.66	152	1194590	41.78	ng		99
49) Dimethylphthalate	9.54	163	1029212	47.49	ng		100
50) 2,6-Dinitrotoluene	9.60	165	217198	48.52	ng	#	85
51) Acenaphthene	9.84	154	912376	49.67	ng		98
52) 3-Nitroaniline	9.77	138	61224	12.02	ng		96
53) 2,4-Dinitrophenol	9.87	184	226112	91.16	ng	#	76
54) Dibenzofuran	10.01	168	1112071	48.44	ng		92
55) 4-Nitrophenol	9.94	139	270822	81.24	ng	#	64
56) 2,4-Dinitrotoluene	10.00	165	286767	50.25	ng	#	80
57) Fluorene	10.35	166	836288	41.96	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	245066	55.22	ng		97
59) Diethylphthalate	10.24	149	981156	47.83	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	413411	45.69	ng	#	82
61) 4-Nitroaniline	10.38	138	169046	33.96	ng		88
62) Azobenzene	10.51	77	1125673	50.10	ng		89
64) 4,6-Dinitro-2-methylphenol	10.41	198	168249	50.64	ng	#	75
65) n-Nitrosodiphenylamine	10.46	169	553145	31.27	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	256277	43.94	ng		90
67) Hexachlorobenzene	10.90	284	302268	44.78	ng	#	84
68) Atrazine	10.99	200	68602	12.92	ng		94
69) Pentachlorophenol	11.09	266	322253	90.54	ng		97
70) Phenanthrene	11.31	178	1344290	45.26	ng		100
71) Anthracene	11.37	178	1446508	45.63	ng		99
72) Carbazole	11.52	167	945476	33.65	ng		99
73) Di-n-butylphthalate	11.86	149	1536173	48.27	ng		99
74) Fluoranthene	12.49	202	1320826	44.05	ng		100
77) Pyrene	12.72	202	1276264	47.03	ng		99
79) Butylbenzylphthalate	13.35	149	614587	52.29	ng	#	81
80) Benzo(a)anthracene	13.91	228	993279	49.47	ng		99
82) Chrysene	13.94	228	905568	41.49	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	675305	46.29	ng		98
84) Di-n-octyl phthalate	14.51	149	1093830	47.88	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.65	276	1013005	62.64	ng		97
87) Benzo(b)fluoranthene	14.92	252	1062945m	58.80	ng		
88) Benzo(k)fluoranthene	14.95	252	796542m	42.24	ng		
89) Benzo(a)pyrene	15.25	252	886890	51.96	ng		98
90) Dibenzo(a,h)anthracene	16.66	278	856514	61.32	ng		98
91) Benzo(g,h,i)perylene	17.05	276	829511	59.26	ng		93

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

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