Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090879.D
Acq On : 27 Oct 2016 21:03
Operator : UM/SJ
Sample : H5423-11MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6COMP(0-16FEET)MSD

Manual Integrations APPROVED
sohil
10/28/2016 5:22:09 PM

Quant Time: Oct 28 01:31:23 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 27 18:46:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	158913	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	671349	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	324102	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	576612	20.00	ng		-0.01
75) Chrysene-d12	13.94	240	459794	20.00	ng		-0.01
86) Perylene-d12	15.35	264	322998	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1314157	144.59	ng		0.01
7) Phenol-d6	6.42	99	1726508	140.80	ng		0.00
23) Nitrobenzene-d5	7.34	82	1108065	108.05	ng		-0.01
41) 2,4,6-Tribromophenol	10.61	330	551208	165.49	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1848655	100.16	ng		-0.01
78) Terphenyl-d14	12.89	244	1942218	106.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	183254	39.44	ng	#	69
3) Pyridine	3.06	79	489481	38.83	ng	#	71
4) n-Nitrosodimethylamine	3.01	42	178384	50.27	ng	#	63
6) Aniline	6.44	93	498040	35.56	ng	#	63
8) 2-Chlorophenol	6.56	128	533394	47.57	ng		85
9) Benzaldehyde	6.32	77	85466	13.49	ng	#	73
10) Phenol	6.43	94	583599	43.19	ng	#	43
11) bis(2-Chloroethyl)ether	6.51	93	584191	52.25	ng		98
12) 1,3-Dichlorobenzene	6.72	146	561616	48.97	ng	#	93
13) 1,4-Dichlorobenzene	6.80	146	562512	46.64	ng	#	95
14) 1,2-Dichlorobenzene	6.94	146	568451m	49.17	ng		
15) Benzyl Alcohol	6.92	79	425812	52.87	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.06	45	674690	60.64	ng		72
17) 2-Methylphenol	7.05	107	451968	52.99	ng	#	84
18) Hexachloroethane	7.29	117	220175	50.16	ng	#	82
19) n-Nitroso-di-n-propylamine	7.20	70	383065	54.03	ng	#	71
20) 3+4-Methylphenols	7.20	107	515482	52.20	ng	#	68
22) Acetophenone	7.18	105	735379	53.24	ng	#	85
24) Nitrobenzene	7.37	77	593621	54.73	ng	#	79
25) Isophorone	7.61	82	1141749	54.86	ng	#	92
26) 2-Nitrophenol	7.68	139	279485	48.10	ng	#	54
27) 2,4-Dimethylphenol	7.72	122	474070	50.39	ng	#	79
28) bis(2-Chloroethoxy)methane	7.82	93	673323	56.89	ng	#	95
29) 2,4-Dichlorophenol	7.93	162	459686	52.77	ng		97
30) 1,2,4-Trichlorobenzene	8.01	180	485900	48.27	ng		99
31) Naphthalene	8.09	128	1649839	52.57	ng		98
32) Benzoic acid	7.81	122	58640	8.58	ng	#	68
33) 4-Chloroaniline	8.13	127	206287	16.27	ng	#	85
34) Hexachlorobutadiene	8.20	225	247098	41.74	ng		98
35) Caprolactam	8.51	113	138003m	51.04	ng		
36) 4-Chloro-3-methylphenol	8.64	107	502631	53.05	ng		90
37) 2-Methylnaphthalene	8.77	142	955962	47.16	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	475673	53.50	ng		99
40) Hexachlorocyclopentadiene	8.93	237	506270	123.77	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	319140	55.60	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	336778	56.97	ng		96
45) 1,1'-Biphenyl	9.24	154	1205403	51.63	ng		93
46) 2-Chloronaphthalene	9.26	162	955088	53.78	ng	#	91
47) 2-Nitroaniline	9.37	65	273899	54.66	ng		92
48) Acenaphthylene	9.68	152	1290672	48.00	ng		96
49) Dimethylphthalate	9.55	163	1279018	59.07	ng	#	98
50) 2,6-Dinitrotoluene	9.61	165	237619	49.69	ng	#	75
51) Acenaphthene	9.85	154	894376	48.30	ng		89
52) 3-Nitroaniline	9.78	138	149299	29.33	ng	#	87
53) 2,4-Dinitrophenol	9.88	184	164767	65.45	ng	#	63
54) Dibenzofuran	10.02	168	1183849	49.54	ng	#	84
55) 4-Nitrophenol	9.95	139	333039	107.27	ng	#	67
56) 2,4-Dinitrotoluene	10.01	165	306875	51.66	ng	#	74
57) Fluorene	10.36	166	913129	46.65	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.14	232	296599	56.18	ng		93
59) Diethylphthalate	10.25	149	1054544	49.03	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	509379	53.31	ng		98
61) 4-Nitroaniline	10.40	138	252350	50.05	ng	#	66
62) Azobenzene	10.52	77	1104364	52.22	ng		89
64) 4,6-Dinitro-2-methylphenol	10.42	198	168543	44.08	ng		86
65) n-Nitrosodiphenylamine	10.48	169	862138	48.81	ng		91
66) 4-Bromophenyl-phenylether	10.85	248	305111	48.32	ng	#	82
67) Hexachlorobenzene	10.91	284	339853	45.48	ng	#	93
68) Atrazine	11.01	200	303574	55.56	ng		85
69) Pentachlorophenol	11.10	266	380322	94.86	ng		100
70) Phenanthrene	11.32	178	1348468	45.92	ng		95
71) Anthracene	11.38	178	1606465	51.96	ng		96
72) Carbazole	11.53	167	1332100	48.79	ng	#	94
73) Di-n-butylphthalate	11.87	149	1776126	50.46	ng	#	98
74) Fluoranthene	12.51	202	1591752	49.50	ng		89
76) Benzidine	12.64	184	517211	51.52	ng	#	98
77) Pyrene	12.74	202	1586115m	54.51	ng		
79) Butylbenzylphthalate	13.37	149	729486	55.26	ng	#	90
80) Benzo(a)anthracene	13.93	228	1167271	47.84	ng		96
81) 3,3'-Dichlorobenzidine	13.89	252	253925	26.81	ng	#	94
82) Chrysene	13.96	228	1213718m	49.17	ng		
83) Bis(2-ethylhexyl)phthalate	13.93	149	972402	56.56	ng		97
84) Di-n-octyl phthalate	14.53	149	1418432	49.13	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.71	276	1059945	48.46	ng	#	91
87) Benzo(b)fluoranthene	14.95	252	983093m	45.26	ng		
88) Benzo(k)fluoranthene	14.97	252	949475m	55.32	ng		
89) Benzo(a)pyrene	15.29	252	916966	49.14	ng	#	87
90) Dibenzo(a,h)anthracene	16.72	278	902909	57.15	ng	#	81
91) Benzo(g,h,i)perylene	17.11	276	868200	58.35	ng	#	81

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

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