Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
Data File : BF090811.D
Acq On : 25 Oct 2016 17:03
Operator : UM/SJ
Sample : H5367-08MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01S-101916MS

Manual Integrations APPROVED
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10/26/2016 4:45:37 PM

Quant Time: Oct 25 18:25:04 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 17:09:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	252743	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1066547	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	570292	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	929216	20.00	ng		0.01
75) Chrysene-d12	13.97	240	637780	20.00	ng		0.01
86) Perylene-d12	15.39	264	452516	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	984740	62.84	ng		0.01
7) Phenol-d6	6.44	99	815059	38.40	ng		0.00
23) Nitrobenzene-d5	7.38	82	1753843	90.19	ng		0.01
41) 2,4,6-Tribromophenol	10.65	330	798895	176.99	ng		0.01
44) 2-Fluorobiphenyl	9.17	172	2673802	72.78	ng		0.00
78) Terphenyl-d14	12.92	244	2631096	94.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	130774	14.42	ng	#	80
3) Pyridine	3.13	79	293034	13.79	ng	#	74
4) n-Nitrosodimethylamine	3.06	42	119732	16.47	ng	#	75
6) Aniline	6.49	93	737241	30.63	ng	#	88
8) 2-Chlorophenol	6.59	128	699265	37.17	ng		98
9) Benzaldehyde	6.34	77	142582	12.28	ng	#	70
10) Phenol	6.45	94	388217	16.27	ng	#	55
11) bis(2-Chloroethyl)ether	6.54	93	868759	43.33	ng		85
12) 1,3-Dichlorobenzene	6.74	146	776475	41.09	ng	#	92
13) 1,4-Dichlorobenzene	6.82	146	830619	41.44	ng	#	92
14) 1,2-Dichlorobenzene	6.97	146	732744m	37.34	ng		
15) Benzyl Alcohol	6.94	79	413714	28.69	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1048156	34.91	ng		67
17) 2-Methylphenol	7.07	107	475121	33.52	ng	#	83
18) Hexachloroethane	7.31	117	293321	36.05	ng		90
19) n-Nitroso-di-n-propylamine	7.23	70	641355	40.57	ng	#	68
20) 3+4-Methylphenols	7.22	107	457868	27.25	ng	#	30
22) Acetophenone	7.22	105	1103060	46.41	ng	#	86
24) Nitrobenzene	7.39	77	845452	40.11	ng	#	69
25) Isophorone	7.63	82	1714555	46.58	ng	#	88
26) 2-Nitrophenol	7.71	139	468406	54.39	ng	#	81
27) 2,4-Dimethylphenol	7.76	122	704640	46.14	ng	#	83
28) bis(2-Chloroethoxy)methane	7.85	93	1041903	51.74	ng	#	94
29) 2,4-Dichlorophenol	7.95	162	601185	47.97	ng		90
30) 1,2,4-Trichlorobenzene	8.03	180	698018	47.33	ng		95
31) Naphthalene	8.11	128	2209755	42.36	ng		96
32) Benzoic acid	7.86	122	139684	18.48	ng	#	73
33) 4-Chloroaniline	8.17	127	666050	34.42	ng	#	90
34) Hexachlorobutadiene	8.24	225	402737	48.57	ng		99
35) Caprolactam	8.56	113	34386	9.61	ng		98
36) 4-Chloro-3-methylphenol	8.65	107	653194	44.81	ng		83
37) 2-Methylnaphthalene	8.81	142	1564733	51.32	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	691153	44.88	ng		99
40) Hexachlorocyclopentadiene	8.96	237	710895	98.34	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	462344	48.41	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	515305	53.17	ng	#	94
45) 1,1'-Biphenyl	9.28	154	1955385	43.66	ng		93
46) 2-Chloronaphthalene	9.30	162	1566015	47.04	ng		93
47) 2-Nitroaniline	9.39	65	466769	42.24	ng	#	71
48) Acenaphthylene	9.71	152	2189755	43.11	ng		94
49) Dimethylphthalate	9.58	163	1932576	53.93	ng	#	98
50) 2,6-Dinitrotoluene	9.64	165	421589	54.71	ng	#	78
51) Acenaphthene	9.88	154	1311609	38.90	ng		88
52) 3-Nitroaniline	9.81	138	239350	27.02	ng	#	85
53) 2,4-Dinitrophenol	9.92	184	412949	88.63	ng	#	66
54) Dibenzofuran	10.05	168	1883402	46.11	ng	#	83
55) 4-Nitrophenol	9.97	139	184848	37.38	ng	#	53
56) 2,4-Dinitrotoluene	10.04	165	484977	51.49	ng	#	72
57) Fluorene	10.40	166	1469764	43.42	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.18	232	416757m	54.80	ng		
59) Diethylphthalate	10.28	149	1873098	50.40	ng		96
60) 4-Chlorophenyl-phenylether	10.38	204	739238	47.79	ng	#	81
61) 4-Nitroaniline	10.43	138	397453	44.30	ng	#	56
62) Azobenzene	10.54	77	1899608	43.65	ng		84
64) 4,6-Dinitro-2-methylphenol	10.45	198	266399	45.18	ng		89
65) n-Nitrosodiphenylamine	10.51	169	1364031	45.82	ng		89
66) 4-Bromophenyl-phenylether	10.88	248	469010	52.07	ng		93
67) Hexachlorobenzene	10.94	284	571718	53.78	ng	#	87
68) Atrazine	11.05	200	416982	50.75	ng		84
69) Pentachlorophenol	11.14	266	584482	85.04	ng		98
70) Phenanthrene	11.36	178	2100792m	44.35	ng		
71) Anthracene	11.41	178	2496238	47.52	ng		95
72) Carbazole	11.56	167	1990492	45.32	ng	#	93
73) Di-n-butylphthalate	11.90	149	2715385	47.67	ng	#	98
74) Fluoranthene	12.54	202	2303669	50.28	ng		90
76) Benzidine	12.67	184	223455	15.78	ng		98
77) Pyrene	12.77	202	2263756	50.82	ng	#	94
79) Butylbenzylphthalate	13.40	149	1116009	54.51	ng	#	88
80) Benzo(a)anthracene	13.96	228	1524540	43.68	ng		96
81) 3,3'-Dichlorobenzidine	13.93	252	463514	38.32	ng	#	94
82) Chrysene	14.00	228	1557327m	45.72	ng		
83) Bis(2-ethylhexyl)phthalate	13.96	149	1426122	48.68	ng		98
84) Di-n-octyl phthalate	14.57	149	2202116	49.53	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.77	276	1426522	48.00	ng	#	95
87) Benzo(b)fluoranthene	14.99	252	1590852m	57.17	ng		
88) Benzo(k)fluoranthene	15.01	252	1221886m	43.70	ng		
89) Benzo(a)pyrene	15.33	252	1327213	50.84	ng	#	88
90) Dibenzo(a,h)anthracene	16.79	278	1235384	49.29	ng	#	83
91) Benzo(g,h,i)perylene	17.19	276	1133381	46.62	ng	#	81

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

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