Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022217\
Data File : BF093082.D
Acq On : 22 Feb 2017 18:24
Operator : SJ/MA
Sample : I1915-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-1MSD

Manual Integrations APPROVED
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Quant Time: Feb 23 00:20:47 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	154793	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	632523	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	302706	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	556328	20.00	ng		-0.02
75) Chrysene-d12	14.00	240	503684	20.00	ng		-0.02
86) Perylene-d12	15.41	264	371067	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1170927	129.78	ng		0.00
7) Phenol-d6	6.49	99	1405150	121.04	ng		0.00
23) Nitrobenzene-d5	7.41	82	980225	86.30	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	334201	152.65	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1850525	110.75	ng		-0.01
78) Terphenyl-d14	12.95	244	1610337	75.12	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	180902	37.11	ng	#	75
3) Pyridine	3.28	79	340492m	27.47	ng		
4) n-Nitrosodimethylamine	3.20	42	260281	44.71	ng		85
6) Aniline	6.51	93	221289	13.97	ng	#	74
8) 2-Chlorophenol	6.64	128	447175	44.92	ng		91
9) Benzaldehyde	6.40	77	35026	4.21	ng		97
10) Phenol	6.50	94	472007	34.75	ng		83
11) bis(2-Chloroethyl)ether	6.58	93	487647	44.98	ng		89
12) 1,3-Dichlorobenzene	6.78	146	505906	43.39	ng		97
13) 1,4-Dichlorobenzene	6.86	146	493723m	41.84	ng		
14) 1,2-Dichlorobenzene	7.01	146	467851	41.46	ng		98
15) Benzyl Alcohol	6.99	79	374895	43.62	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	790763	41.98	ng		97
17) 2-Methylphenol	7.12	107	401912	47.07	ng		97
18) Hexachloroethane	7.36	117	168203	41.76	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	319521	43.24	ng		96
20) 3+4-Methylphenols	7.26	107	474149	46.44	ng	#	77
22) Acetophenone	7.26	105	633351	43.86	ng	#	94
24) Nitrobenzene	7.44	77	562965	48.27	ng		92
25) Isophorone	7.68	82	987778	46.67	ng		99
26) 2-Nitrophenol	7.74	139	257179	46.39	ng		91
27) 2,4-Dimethylphenol	7.79	122	421340	43.27	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	582245	41.54	ng		94
29) 2,4-Dichlorophenol	8.00	162	440527	48.51	ng		93
30) 1,2,4-Trichlorobenzene	8.08	180	426266	43.56	ng		99
31) Naphthalene	8.16	128	1342598	41.87	ng		99
32) Benzoic acid	7.94	122	308463	54.73	ng		97
33) 4-Chloroaniline	8.20	127	84944	6.76	ng		97
34) Hexachlorobutadiene	8.27	225	213838	39.72	ng		97
35) Caprolactam	8.58	113	113928m	39.89	ng		
36) 4-Chloro-3-methylphenol	8.69	107	439432	46.41	ng		100
37) 2-Methylnaphthalene	8.84	142	929173	45.13	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	383305	45.11	ng		99
40) Hexachlorocyclopentadiene	8.99	237	311523	81.26	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	293827	52.63	ng		95
43) 2,4,5-Trichlorophenol	9.17	196	319866	52.29	ng	#	87
45) 1,1'-Biphenyl	9.30	154	1039974	47.45	ng		96
46) 2-Chloronaphthalene	9.33	162	892977	52.08	ng		95
47) 2-Nitroaniline	9.42	65	275643	47.81	ng		95
48) Acenaphthylene	9.74	152	1422855	48.03	ng		99
49) Dimethylphthalate	9.61	163	1036530	50.84	ng		99
50) 2,6-Dinitrotoluene	9.68	165	250413	56.87	ng	#	78
51) Acenaphthene	9.92	154	868648	49.05	ng		98
52) 3-Nitroaniline	9.84	138	66298	13.16	ng		92
53) 2,4-Dinitrophenol	9.95	184	239831	105.47	ng	#	63
54) Dibenzofuran	10.09	168	1245765	52.59	ng		93
55) 4-Nitrophenol	10.02	139	358762	98.85	ng		86
56) 2,4-Dinitrotoluene	10.08	165	281849	48.08	ng		95
57) Fluorene	10.43	166	930518	51.06	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	231755	56.79	ng		95
59) Diethylphthalate	10.30	149	1021484	53.16	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	444586	50.78	ng	#	82
61) 4-Nitroaniline	10.45	138	214963	41.65	ng		92
62) Azobenzene	10.58	77	1182054	59.55	ng		94
64) 4,6-Dinitro-2-methylphenol	10.49	198	192154	56.26	ng		86
65) n-Nitrosodiphenylamine	10.54	169	830107	46.71	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	266888	45.92	ng	#	76
67) Hexachlorobenzene	10.97	284	252226	43.91	ng	#	80
68) Atrazine	11.07	200	233520	40.95	ng		94
69) Pentachlorophenol	11.17	266	303576	100.37	ng		98
70) Phenanthrene	11.38	178	1402002	43.99	ng		99
71) Anthracene	11.44	178	1427061	44.58	ng		98
72) Carbazole	11.60	167	1377787	45.03	ng		98
73) Di-n-butylphthalate	11.92	149	1534051	46.36	ng		98
74) Fluoranthene	12.57	202	1334189	40.58	ng		99
77) Pyrene	12.80	202	1363454	36.17	ng		99
79) Butylbenzylphthalate	13.41	149	678636	44.33	ng		93
80) Benzo(a)anthracene	13.99	228	1235746	40.11	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	127296	11.59	ng	#	93
82) Chrysene	14.02	228	1027022	35.61	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	933730	44.60	ng	#	97
84) Di-n-octyl phthalate	14.58	149	1577585	46.28	ng		99
85) Indeno(1,2,3-cd)pyrene	16.82	276	892416	39.94	ng	#	93
87) Benzo(b)fluoranthene	15.01	252	1129666	46.25	ng		99
88) Benzo(k)fluoranthene	15.05	252	1064257m	50.47	ng		
89) Benzo(a)pyrene	15.37	252	1029210	48.72	ng	#	95
90) Dibenzo(a,h)anthracene	16.83	278	745680	43.67	ng		98
91) Benzo(g,h,i)perylene	17.23	276	766671	44.45	ng	#	90

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

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