Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093156.D
Acq On : 24 Feb 2017 20:38
Operator : SJ/MA
Sample : I1957-06MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SRI-SB-6(8-10)20170222MS

Manual Integrations APPROVED
mohammad
2/27/2017 1:07:36 PM

Quant Time: Feb 24 22:30:24 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	6.83	152	152302	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	589152	20.00	ng		-0.02
38) Acenaphthene-d10	9.88	164	296747	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	532152	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	441919	20.00	ng		-0.01
86) Perylene-d12	15.44	264	318322	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1285669	144.83	ng		-0.01
7) Phenol-d6	6.49	99	1815540	158.95	ng		0.00
23) Nitrobenzene-d5	7.41	82	1155762	109.24	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	354889	165.35	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1740913	106.28	ng		-0.01
78) Terphenyl-d14	12.96	244	1574395	83.71	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	210243	43.83	ng	#	84
3) Pyridine	3.16	79	545170	44.70	ng		86
4) n-Nitrosodimethylamine	3.13	42	281983	49.24	ng		88
6) Aniline	6.50	93	315732	20.26	ng	#	43
8) 2-Chlorophenol	6.62	128	507483	51.82	ng		93
9) Benzaldehyde	6.37	77	220975	27.00	ng		85
10) Phenol	6.50	94	802872	60.08	ng	#	76
11) bis(2-Chloroethyl)ether	6.58	93	532927	49.96	ng		98
12) 1,3-Dichlorobenzene	6.77	146	547834m	47.76	ng		
13) 1,4-Dichlorobenzene	6.85	146	569340	49.04	ng		94
14) 1,2-Dichlorobenzene	7.00	146	492777	44.39	ng		97
15) Benzyl Alcohol	6.99	79	424880	50.24	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	875410	47.24	ng		98
17) 2-Methylphenol	7.10	107	439630	52.33	ng		98
18) Hexachloroethane	7.34	117	178092	44.94	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	381113	52.41	ng		96
20) 3+4-Methylphenols	7.26	107	532638	53.02	ng	#	82
22) Acetophenone	7.25	105	675133	50.19	ng	#	96
24) Nitrobenzene	7.42	77	523678	48.21	ng		99
25) Isophorone	7.66	82	1037735	52.64	ng		95
26) 2-Nitrophenol	7.74	139	283880	54.97	ng		97
27) 2,4-Dimethylphenol	7.79	122	484325	53.40	ng		96
28) bis(2-Chloroethoxy)methane	7.88	93	673993	51.62	ng		99
29) 2,4-Dichlorophenol	8.00	162	445966	52.73	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	432884	47.49	ng	#	96
31) Naphthalene	8.14	128	1381515	46.26	ng		99
32) Benzoic acid	7.92	122	139342	30.24	ng		98
33) 4-Chloroaniline	8.20	127	121498	10.37	ng		96
34) Hexachlorobutadiene	8.27	225	222514	44.37	ng		96
35) Caprolactam	8.59	113	150451m	56.55	ng		
36) 4-Chloro-3-methylphenol	8.70	107	508556	57.67	ng		93
37) 2-Methylnaphthalene	8.84	142	975486	50.87	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	413884	49.69	ng		99
40) Hexachlorocyclopentadiene	8.99	237	305670	81.33	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	317102	57.93	ng		93
43) 2,4,5-Trichlorophenol	9.17	196	310760	51.82	ng	#	88
45) 1,1'-Biphenyl	9.31	154	1154791	53.74	ng		100
46) 2-Chloronaphthalene	9.33	162	949321	56.48	ng		98
47) 2-Nitroaniline	9.44	65	335478	59.36	ng	#	86
48) Acenaphthylene	9.74	152	1336171	46.01	ng		99
49) Dimethylphthalate	9.62	163	1404809	70.28	ng		100
50) 2,6-Dinitrotoluene	9.68	165	224603	52.03	ng	#	80
51) Acenaphthene	9.92	154	821524	47.32	ng		97
52) 3-Nitroaniline	9.85	138	120189	24.33	ng		85
53) 2,4-Dinitrophenol	9.96	184	237145	106.34	ng	#	81
54) Dibenzofuran	10.09	168	1082072	46.60	ng		96
55) 4-Nitrophenol	10.03	139	382348	107.46	ng	#	73
56) 2,4-Dinitrotoluene	10.09	165	313906	54.62	ng		90
57) Fluorene	10.43	166	882464	49.40	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	245810	61.44	ng		97
59) Diethylphthalate	10.32	149	1038937	55.16	ng		94
60) 4-Chlorophenyl-phenylether	10.42	204	386807	45.07	ng		93
61) 4-Nitroaniline	10.46	138	249354	49.28	ng		93
62) Azobenzene	10.58	77	1081522	55.58	ng		97
64) 4,6-Dinitro-2-methylphenol	10.50	198	184802	56.55	ng		94
65) n-Nitrosodiphenylamine	10.54	169	788922	46.41	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	253282	45.56	ng		95
67) Hexachlorobenzene	10.98	284	258656	47.08	ng		98
68) Atrazine	11.07	200	257508	47.20	ng		100
69) Pentachlorophenol	11.17	266	258851	90.25	ng		97
70) Phenanthrene	11.39	178	1311655	43.02	ng		99
71) Anthracene	11.45	178	1473774	48.14	ng		98
72) Carbazole	11.60	167	1263931	43.19	ng		99
73) Di-n-butylphthalate	11.93	149	1504030	47.52	ng	#	97
74) Fluoranthene	12.58	202	1429881	45.47	ng		96
76) Benzidine	12.71	184	382993	20.34	ng		96
77) Pyrene	12.81	202	1428801	43.20	ng		99
79) Butylbenzylphthalate	13.43	149	676681	50.39	ng		88
80) Benzo(a)anthracene	14.00	228	1081532	40.01	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	174760	18.14	ng	#	94
82) Chrysene	14.03	228	1028642	40.65	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	891261	48.53	ng	#	96
84) Di-n-octyl phthalate	14.59	149	1432213	47.89	ng		98
85) Indeno(1,2,3-cd)pyrene	16.84	276	807504	41.20	ng	#	94
87) Benzo(b)fluoranthene	15.03	252	943173m	45.02	ng		
88) Benzo(k)fluoranthene	15.05	252	904966m	50.02	ng		
89) Benzo(a)pyrene	15.38	252	866595	47.82	ng		98
90) Dibenzo(a,h)anthracene	16.85	278	674429	46.04	ng		98
91) Benzo(g,h,i)perylene	17.27	276	693950	46.90	ng	#	91

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

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