Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110317\
Data File : BF100168.D
Acq On : 4 Nov 2017 7:34
Operator : SJ/JU
Sample : I6143-05MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

Manual Integrations APPROVED
Sohil
11/6/2017 2:23:00 PM

Quant Time: Nov 06 09:20:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	115296	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	456166	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	194564	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	307348	20.00	ng		0.00
75) Chrysene-d12	13.95	240	178324	20.00	ng		0.00
86) Perylene-d12	15.42	264	186221	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	544491	74.14	ng		0.00
7) Phenol-d6	6.42	99	420779	48.32	ng		0.00
23) Nitrobenzene-d5	7.35	82	665507	93.93	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	214497	120.97	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	1227424	97.33	ng		0.00
78) Terphenyl-d14	12.88	244	782984	95.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	53512	16.501	ng	#	88
3) Pyridine	3.36	79	112544m	14.431	ng		
4) n-Nitrosodimethylamine	3.26	42	47969	17.217	ng	#	64
6) Aniline	6.45	93	224452	19.880	ng	#	91
8) 2-Chlorophenol	6.56	128	290887	37.165	ng		92
9) Benzaldehyde	6.33	77	151378	29.092	ng		88
10) Phenol	6.43	94	164555	17.212	ng		96
11) bis(2-Chloroethyl)ether	6.51	93	305328	41.356	ng		94
12) 1,3-Dichlorobenzene	6.71	146	354962m	40.390	ng		
13) 1,4-Dichlorobenzene	6.79	146	363267	40.728	ng		97
14) 1,2-Dichlorobenzene	6.94	146	325369	40.026	ng		96
15) Benzyl Alcohol	6.93	79	153112	27.649	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	385682	47.027	ng		62
17) 2-Methylphenol	7.05	107	198841	30.371	ng	#	84
18) Hexachloroethane	7.27	117	113515	38.147	ng		99
19) n-Nitroso-di-n-propylamine	7.20	70	210292	41.210	ng	#	86
20) 3+4-Methylphenols	7.20	107	233423	30.620	ng		95
22) Acetophenone	7.19	105	444429	42.789	ng	#	90
24) Nitrobenzene	7.37	77	309019	43.284	ng		90
25) Isophorone	7.60	82	603286	46.922	ng		97
26) 2-Nitrophenol	7.68	139	188127	46.008	ng	#	83
27) 2,4-Dimethylphenol	7.72	122	248967	41.324	ng		93
28) bis(2-Chloroethoxy)methane	7.80	93	394553	43.818	ng		99
29) 2,4-Dichlorophenol	7.93	162	280558	44.827	ng		96
30) 1,2,4-Trichlorobenzene	8.00	180	286104	42.783	ng		99
31) Naphthalene	8.07	128	929962	42.234	ng		99
32) Benzoic acid	7.86	122	44558	8.402	ng		92
33) 4-Chloroaniline	8.14	127	183142	20.142	ng	#	94
34) Hexachlorobutadiene	8.18	225	143779	41.800	ng		98
35) Caprolactam	8.54	113	16236	8.249	ng	#	75
36) 4-Chloro-3-methylphenol	8.63	107	246767	38.629	ng		93
37) 2-Methylnaphthalene	8.77	142	630200	42.707	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	263301	41.901	ng	#	97
40) Hexachlorocyclopentadiene	8.91	237	15766	23.806	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	172688	45.432	ng		99
43) 2,4,5-Trichlorophenol	9.11	196	168772	41.842	ng	#	93
45) 1,1'-Biphenyl	9.23	154	732134	41.596	ng		98
46) 2-Chloronaphthalene	9.26	162	576762	45.121	ng		95
47) 2-Nitroaniline	9.37	65	147901	44.085	ng	#	77
48) Acenaphthylene	9.67	152	823776	41.842	ng		100
49) Dimethylphthalate	9.54	163	665976	43.223	ng		100
50) 2,6-Dinitrotoluene	9.62	165	142972	44.140	ng		90
51) Acenaphthene	9.85	154	503933	41.891	ng		99
52) 3-Nitroaniline	9.79	138	102180	26.773	ng		93
53) 2,4-Dinitrophenol	9.92	184	59456	48.904	ng	#	78
54) Dibenzofuran	10.02	168	760383	44.779	ng		99
55) 4-Nitrophenol	9.99	139	27677m	13.879	ng		
56) 2,4-Dinitrotoluene	10.03	165	187595	48.091	ng	#	84
57) Fluorene	10.36	166	585395	41.637	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.15	232	128517	45.443	ng	#	88
59) Diethylphthalate	10.23	149	630438	41.899	ng		97
60) 4-Chlorophenyl-phenylether	10.35	204	279123	42.184	ng		95
61) 4-Nitroaniline	10.41	138	129857	35.662	ng		84
62) Azobenzene	10.51	77	533075	42.264	ng		87
64) 4,6-Dinitro-2-methylphenol	10.45	198	47264	24.464	ng	#	76
65) n-Nitrosodiphenylamine	10.47	169	527554	46.499	ng		98
66) 4-Bromophenyl-phenylether	10.84	248	156530	48.377	ng	#	85
67) Hexachlorobenzene	10.91	284	149384	45.128	ng		96
68) Atrazine	11.00	200	161336	47.340	ng		98
69) Pentachlorophenol	11.12	266	105051	74.269	ng		98
70) Phenanthrene	11.33	178	746184	43.020	ng		98
71) Anthracene	11.38	178	762677	43.318	ng		99
72) Carbazole	11.54	167	682257	41.208	ng		99
73) Di-n-butylphthalate	11.85	149	922178	43.669	ng	#	98
74) Fluoranthene	12.52	202	636960	35.336	ng		99
76) Benzidine	12.65	184	38567	4.943	ng		98
77) Pyrene	12.75	202	631368	46.562	ng		98
79) Butylbenzylphthalate	13.35	149	297372	44.536	ng	#	84
80) Benzo(a)anthracene	13.94	228	498986	44.140	ng		99
81) 3,3'-Dichlorobenzidine	13.90	252	107288	26.146	ng		98
82) Chrysene	13.98	228	479498	45.118	ng		98
83) Bis(2-ethylhexyl)phthalate	13.90	149	388729	41.456	ng		98
84) Di-n-octyl phthalate	14.51	149	655774	40.746	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.89	276	449635	46.086	ng		96
87) Benzo(b)fluoranthene	14.99	252	507745	43.179	ng		98
88) Benzo(k)fluoranthene	15.02	252	511235	46.106	ng		99
89) Benzo(a)pyrene	15.36	252	494681	46.832	ng		98
90) Dibenzo(a,h)anthracene	16.88	278	388996	41.445	ng		98
91) Benzo(g,h,i)perylene	17.33	276	366269	39.887	ng		94

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

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