Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
Data File : BF098386.D
Acq On : 9 Sep 2017 15:24
Operator : SJ/JU
Sample : I5178-05MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-5-7MS

Manual Integrations APPROVED
Sohil
9/11/2017 2:42:43 PM

Quant Time: Sep 11 05:27:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	123515	20.00	ng		-0.03
21) Naphthalene-d8	7.96	136	474945	20.00	ng		-0.02
38) Acenaphthene-d10	9.71	164	204975	20.00	ng		-0.03
63) Phenanthrene-d10	11.19	188	336520	20.00	ng		-0.03
75) Chrysene-d12	13.83	240	232837	20.00	ng		-0.04
86) Perylene-d12	15.23	264	243341	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	720249	88.70	ng		-0.01
7) Phenol-d6	6.34	99	955696	86.62	ng		-0.01
23) Nitrobenzene-d5	7.25	82	601976	68.85	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	174606	98.18	ng		-0.03
44) 2-Fluorobiphenyl	9.04	172	904395	64.82	ng		-0.03
78) Terphenyl-d14	12.77	244	584603	52.36	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	100702	22.237	ng	#	85
3) Pyridine	3.03	79	283867	22.674	ng	#	82
4) n-Nitrosodimethylamine	2.99	42	107485	22.313	ng	#	63
6) Aniline	6.35	93	304703	19.659	ng	#	28
8) 2-Chlorophenol	6.47	128	260140	30.377	ng		98
9) Benzaldehyde	6.22	77	58761	8.408	ng		85
10) Phenol	6.35	94	429615	33.294	ng		96
11) bis(2-Chloroethyl)ether	6.42	93	295106	30.301	ng		92
12) 1,3-Dichlorobenzene	6.62	146	262879	28.538	ng	#	95
13) 1,4-Dichlorobenzene	6.69	146	261284	27.890	ng	#	92
14) 1,2-Dichlorobenzene	6.85	146	242836	28.111	ng		99
15) Benzyl Alcohol	6.83	79	229827	27.823	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	345691	26.381	ng		55
17) 2-Methylphenol	6.95	107	233361	30.922	ng	#	90
18) Hexachloroethane	7.19	117	98160	26.725	ng	#	84
19) n-Nitroso-di-n-propylamine	7.10	70	209270	27.708	ng	#	88
20) 3+4-Methylphenols	7.11	107	308360	33.454	ng	#	64
22) Acetophenone	7.09	105	392692	31.298	ng	#	83
24) Nitrobenzene	7.27	77	319374	32.809	ng		97
25) Isophorone	7.50	82	575281	31.645	ng		98
26) 2-Nitrophenol	7.58	139	134262	39.157	ng	#	84
27) 2,4-Dimethylphenol	7.63	122	238684	31.481	ng		94
28) bis(2-Chloroethoxy)methane	7.72	93	377411	31.578	ng		99
29) 2,4-Dichlorophenol	7.83	162	213893	33.986	ng		96
30) 1,2,4-Trichlorobenzene	7.90	180	210923	30.232	ng		98
31) Naphthalene	7.98	128	744699	30.203	ng		99
32) Benzoic acid	7.76	122	93147	21.017	ng		88
33) 4-Chloroaniline	8.04	127	207053	19.911	ng		97
34) Hexachlorobutadiene	8.10	225	120793	29.653	ng		98
35) Caprolactam	8.41	113	75136m	35.117	ng		
36) 4-Chloro-3-methylphenol	8.53	107	246377	30.469	ng	#	80
37) 2-Methylnaphthalene	8.67	142	485266	32.101	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	200199	31.825	ng		99
40) Hexachlorocyclopentadiene	8.82	237	73219	24.228	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	134992	31.963	ng		98
43) 2,4,5-Trichlorophenol	9.00	196	137829	32.896	ng		97
45) 1,1'-Biphenyl	9.14	154	568735	30.427	ng		97
46) 2-Chloronaphthalene	9.16	162	421623	30.528	ng		94
47) 2-Nitroaniline	9.26	65	157560	34.030	ng		96
48) Acenaphthylene	9.57	152	664974	30.661	ng		99
49) Dimethylphthalate	9.44	163	579482	38.676	ng		100
50) 2,6-Dinitrotoluene	9.51	165	109133	36.490	ng	#	85
51) Acenaphthene	9.75	154	391664	28.634	ng		100
52) 3-Nitroaniline	9.67	138	96828	25.094	ng		93
53) 2,4-Dinitrophenol	9.79	184	25835	25.999	ng	#	76
54) Dibenzofuran	9.92	168	580718	31.678	ng		98
55) 4-Nitrophenol	9.86	139	134045	43.548	ng	#	49
56) 2,4-Dinitrotoluene	9.91	165	129725	34.563	ng	#	56
57) Fluorene	10.26	166	439098	30.980	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.04	232	106868	32.944	ng		91
59) Diethylphthalate	10.14	149	517742	33.044	ng		99
60) 4-Chlorophenyl-phenylether	10.25	204	212439	32.263	ng	#	85
61) 4-Nitroaniline	10.29	138	105638	28.805	ng		79
62) Azobenzene	10.41	77	566565	30.441	ng		93
64) 4,6-Dinitro-2-methylphenol	10.32	198	26665	22.221	ng	#	79
65) n-Nitrosodiphenylamine	10.37	169	407371	35.549	ng		99
66) 4-Bromophenyl-phenylether	10.74	248	128034	36.638	ng		92
67) Hexachlorobenzene	10.80	284	117992	33.127	ng	#	90
68) Atrazine	10.90	200	116629	38.377	ng		98
69) Pentachlorophenol	11.00	266	90944	43.791	ng		96
70) Phenanthrene	11.22	178	575374	32.086	ng		99
71) Anthracene	11.27	178	584364	32.129	ng		99
72) Carbazole	11.43	167	523434	30.319	ng		98
73) Di-n-butylphthalate	11.76	149	734853	36.953	ng		99
74) Fluoranthene	12.40	202	518480	27.701	ng		97
76) Benzidine	12.53	184	308155	40.365	ng	#	91
77) Pyrene	12.63	202	517135	27.156	ng		98
79) Butylbenzylphthalate	13.25	149	234751	32.152	ng	#	78
80) Benzo(a)anthracene	13.82	228	422413	30.270	ng		99
81) 3,3'-Dichlorobenzidine	13.78	252	157939	33.540	ng	#	95
82) Chrysene	13.85	228	427218	30.775	ng		99
83) Bis(2-ethylhexyl)phthalate	13.81	149	318118	39.319	ng	#	100
84) Di-n-octyl phthalate	14.42	149	595117	42.275	ng		96
85) Indeno(1,2,3-cd)pyrene	16.58	276	414777	40.617	ng		96
87) Benzo(b)fluoranthene	14.83	252	463666	30.229	ng		99
88) Benzo(k)fluoranthene	14.86	252	434566	30.156	ng	#	93
89) Benzo(a)pyrene	15.17	252	441518	32.515	ng		98
90) Dibenzo(a,h)anthracene	16.59	278	351515	31.798	ng		99
91) Benzo(g,h,i)perylene	16.98	276	330298	28.635	ng		95

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

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