Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100434.D
Acq On : 11 Nov 2017 12:21
Operator : SJ/JU
Sample : I6399-11MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-13-A-13-BMSD

Manual Integrations APPROVED
SOHIL
11/13/2017 4:54:13 PM

Quant Time: Nov 13 02:32:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	152491	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	568926	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	220825	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	353473	20.00	ng		0.00
75) Chrysene-d12	14.07	240	293579	20.00	ng		0.00
86) Perylene-d12	15.56	264	229435	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1040780	109.41	ng		0.02
7) Phenol-d6	6.54	99	1266439	107.96	ng		0.01
23) Nitrobenzene-d5	7.47	82	802641	93.27	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	226997	100.88	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1242994	85.71	ng		0.00
78) Terphenyl-d14	13.01	244	913484	71.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.74	88	157475	33.968	ng		96
3) Pyridine	3.52	79	451956	35.733	ng		97
4) n-Nitrosodimethylamine	3.47	42	231002	37.617	ng		96
6) Aniline	6.57	93	368749	22.250	ng		100
8) 2-Chlorophenol	6.69	128	396845	39.433	ng		98
9) Benzaldehyde	6.46	77	217903	26.011	ng		97
10) Phenol	6.55	94	541806	43.997	ng		100
11) bis(2-Chloroethyl)ether	6.65	93	398318	38.508	ng		98
12) 1,3-Dichlorobenzene	6.85	146	449611	38.750	ng		99
13) 1,4-Dichlorobenzene	6.92	146	454482	38.701	ng		99
14) 1,2-Dichlorobenzene	7.08	146	416913	38.398	ng		95
15) Benzyl Alcohol	7.05	79	353136	38.572	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	717442	43.366	ng		98
17) 2-Methylphenol	7.15	107	338005	39.302	ng		99
18) Hexachloroethane	7.42	117	132692	34.270	ng		100
19) n-Nitroso-di-n-propylamine	7.32	70	278209	34.198	ng		91
20) 3+4-Methylphenols	7.30	107	401418	36.885	ng	#	91
22) Acetophenone	7.32	105	521565	37.595	ng	#	96
24) Nitrobenzene	7.49	77	422514	47.704	ng		99
25) Isophorone	7.73	82	756513	41.835	ng		100
26) 2-Nitrophenol	7.80	139	195050	47.085	ng		95
27) 2,4-Dimethylphenol	7.83	122	362642	44.735	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	489666	41.397	ng		98
29) 2,4-Dichlorophenol	8.04	162	321040	41.485	ng		99
30) 1,2,4-Trichlorobenzene	8.13	180	337070	40.266	ng		94
31) Naphthalene	8.21	128	1086940	39.666	ng		100
32) Benzoic acid	7.96	122	6305m	10.188	ng		
33) 4-Chloroaniline	8.26	127	218475	19.154	ng		99
34) Hexachlorobutadiene	8.32	225	194871	39.153	ng		99
35) Caprolactam	8.62	113	90497	34.075	ng	#	89
36) 4-Chloro-3-methylphenol	8.73	107	311530	37.482	ng		99
37) 2-Methylnaphthalene	8.90	142	692832	38.083	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	314406	42.930	ng		97
40) Hexachlorocyclopentadiene	9.05	237	42477	12.323	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	210697	45.393	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	206671	42.975	ng		93
45) 1,1'-Biphenyl	9.36	154	795192	41.635	ng		99
46) 2-Chloronaphthalene	9.39	162	602356	43.474	ng		96
47) 2-Nitroaniline	9.48	65	204290	49.788	ng		90
48) Acenaphthylene	9.80	152	886960	38.627	ng		99
49) Dimethylphthalate	9.66	163	795699	47.194	ng		100
50) 2,6-Dinitrotoluene	9.72	165	146878	44.010	ng		98
51) Acenaphthene	9.98	154	516981	37.020	ng		100
52) 3-Nitroaniline	9.89	138	145608	36.947	ng		97
53) 2,4-Dinitrophenol	9.99	184	9201	16.084	ng	#	43
54) Dibenzofuran	10.15	168	769147	39.296	ng		97
55) 4-Nitrophenol	10.05	139	221293	69.154	ng		97
56) 2,4-Dinitrotoluene	10.13	165	174058	41.341	ng		91
57) Fluorene	10.49	166	541878	37.792	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	154224	39.129	ng	#	87
59) Diethylphthalate	10.36	149	663845	39.345	ng		96
60) 4-Chlorophenyl-phenylether	10.48	204	279963	39.802	ng		93
61) 4-Nitroaniline	10.50	138	141416	37.843	ng		94
62) Azobenzene	10.64	77	588537	37.035	ng		97
64) 4,6-Dinitro-2-methylphenol	10.53	198	11456	13.843	ng		95
65) n-Nitrosodiphenylamine	10.60	169	529169	43.055	ng		95
66) 4-Bromophenyl-phenylether	10.97	248	168490	44.466	ng	#	84
67) Hexachlorobenzene	11.04	284	162816	41.084	ng	#	88
68) Atrazine	11.12	200	151544	40.733	ng		98
69) Pentachlorophenol	11.23	266	182761	64.314	ng		99
70) Phenanthrene	11.46	178	770885	41.421	ng		99
71) Anthracene	11.50	178	774723	41.030	ng		100
72) Carbazole	11.66	167	691341	39.682	ng		100
73) Di-n-butylphthalate	11.99	149	875459	42.940	ng		99
74) Fluoranthene	12.64	202	839254	42.550	ng		97
76) Benzidine	12.76	184	127571	10.850	ng		98
77) Pyrene	12.87	202	859966	41.093	ng		99
79) Butylbenzylphthalate	13.49	149	374512	43.882	ng	#	95
80) Benzo(a)anthracene	14.06	228	745274	42.155	ng		100
81) 3,3'-Dichlorobenzidine	14.02	252	205579	32.455	ng		97
82) Chrysene	14.10	228	696510	40.684	ng		100
83) Bis(2-ethylhexyl)phthalate	14.04	149	517012	46.059	ng		100
84) Di-n-octyl phthalate	14.66	149	887206	46.008	ng		98
85) Indeno(1,2,3-cd)pyrene	17.06	276	464358	33.534	ng		94
87) Benzo(b)fluoranthene	15.12	252	549315	40.412	ng		99
88) Benzo(k)fluoranthene	15.15	252	526409	40.987	ng		99
89) Benzo(a)pyrene	15.50	252	490910	40.738	ng		98
90) Dibenzo(a,h)anthracene	17.08	278	386871	39.256	ng		96
91) Benzo(g,h,i)perylene	17.52	276	375164	38.889	ng		96

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

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