Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099413.D
Acq On : 12 Oct 2017 23:47
Operator : SJ/JU
Sample : I5729-11MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
6W-(2-3)MSD

Manual Integrations APPROVED
Sohil
10/13/2017 3:06:32 PM

Quant Time: Oct 13 12:06:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	115922	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	460173	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	181079	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	254724	20.00	ng		0.00
75) Chrysene-d12	14.02	240	201000	20.00	ng		0.00
86) Perylene-d12	15.49	264	170674	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	863757	118.62	ng		0.02
7) Phenol-d6	6.50	99	1055113	117.45	ng		0.01
23) Nitrobenzene-d5	7.42	82	631985	88.07	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	152868	103.17	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1018002	93.85	ng		0.00
78) Terphenyl-d14	12.96	244	663067	75.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	121846	35.028	ng		95
3) Pyridine	3.46	79	326538	34.701	ng		93
4) n-Nitrosodimethylamine	3.42	42	137846	34.545	ng		83
6) Aniline	6.52	93	308193	25.420	ng		98
8) 2-Chlorophenol	6.65	128	330220	40.043	ng		94
9) Benzaldehyde	6.41	77	118584	22.757	ng		90
10) Phenol	6.51	94	415040	41.312	ng		99
11) bis(2-Chloroethyl)ether	6.59	93	316121	40.475	ng		97
12) 1,3-Dichlorobenzene	6.80	146	345800	40.040	ng		96
13) 1,4-Dichlorobenzene	6.87	146	346922	39.481	ng		99
14) 1,2-Dichlorobenzene	7.03	146	324493	39.966	ng		96
15) Benzyl Alcohol	7.00	79	249209	37.816	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	427887	35.163	ng		91
17) 2-Methylphenol	7.11	107	270565	40.098	ng		98
18) Hexachloroethane	7.36	117	103635	32.812	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	203395	35.463	ng		94
20) 3+4-Methylphenols	7.26	107	314105	36.797	ng	#	75
22) Acetophenone	7.27	105	427001	38.299	ng	#	97
24) Nitrobenzene	7.44	77	323488	39.741	ng		95
25) Isophorone	7.67	82	591814	39.891	ng		99
26) 2-Nitrophenol	7.76	139	162216	41.442	ng	#	86
27) 2,4-Dimethylphenol	7.79	122	269384	36.442	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	391163	42.309	ng		100
29) 2,4-Dichlorophenol	8.00	162	265234	41.791	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	267764	42.183	ng		98
31) Naphthalene	8.16	128	885257	40.960	ng		99
33) 4-Chloroaniline	8.21	127	144188	15.976	ng		94
34) Hexachlorobutadiene	8.27	225	128351	39.257	ng		98
35) Caprolactam	8.58	113	81061m	39.817	ng		
36) 4-Chloro-3-methylphenol	8.70	107	262258	36.764	ng		95
37) 2-Methylnaphthalene	8.85	142	584671	41.614	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	230362	42.657	ng		98
40) Hexachlorocyclopentadiene	9.00	237	18279	7.407	ng		96
42) 2,4,6-Trichlorophenol	9.13	196	158466	41.421	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	157812	41.322	ng		95
45) 1,1'-Biphenyl	9.31	154	659792	42.396	ng		99
46) 2-Chloronaphthalene	9.34	162	503357	43.078	ng		97
47) 2-Nitroaniline	9.44	65	149970	41.916	ng		92
48) Acenaphthylene	9.76	152	735979	41.145	ng		99
49) Dimethylphthalate	9.61	163	769959	56.338	ng		99
50) 2,6-Dinitrotoluene	9.68	165	125318	42.119	ng	#	86
51) Acenaphthene	9.93	154	428073	37.780	ng		99
52) 3-Nitroaniline	9.85	138	125423	36.152	ng		91
53) 2,4-Dinitrophenol	9.97	184	750	6.277	ng		94
54) Dibenzofuran	10.10	168	629401	41.719	ng		98
55) 4-Nitrophenol	10.02	139	155351	52.957	ng		87
56) 2,4-Dinitrotoluene	10.09	165	144210	37.346	ng		90
57) Fluorene	10.44	166	469049	38.682	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	100263	38.005	ng		97
59) Diethylphthalate	10.31	149	555688	41.611	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	223520	41.036	ng		96
61) 4-Nitroaniline	10.46	138	121448	36.285	ng		87
62) Azobenzene	10.59	77	455719	37.113	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	3804	2.454	ng		78
65) n-Nitrosodiphenylamine	10.55	169	427427	48.437	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	121465	48.716	ng		97
67) Hexachlorobenzene	10.99	284	113383	42.577	ng		99
68) Atrazine	11.07	200	124807	47.009	ng		99
69) Pentachlorophenol	11.19	266	93673	56.520	ng		98
70) Phenanthrene	11.40	178	595453	43.672	ng		98
71) Anthracene	11.46	178	590212	42.307	ng		99
72) Carbazole	11.61	167	539352	39.479	ng		99
73) Di-n-butylphthalate	11.93	149	714724	43.464	ng		99
74) Fluoranthene	12.59	202	578358	41.890	ng		99
76) Benzidine	12.71	184	288380	38.791	ng		97
77) Pyrene	12.82	202	594188	38.767	ng		100
79) Butylbenzylphthalate	13.43	149	278329	38.639	ng		93
80) Benzo(a)anthracene	14.01	228	530595	43.595	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	175833	39.409	ng		98
82) Chrysene	14.04	228	489206	42.219	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	390469	39.367	ng		99
84) Di-n-octyl phthalate	14.59	149	710019	44.457	ng		95
85) Indeno(1,2,3-cd)pyrene	16.97	276	346979	37.433	ng		96
87) Benzo(b)fluoranthene	15.06	252	473696	45.141	ng	#	97
88) Benzo(k)fluoranthene	15.09	252	412048	39.755	ng		98
89) Benzo(a)pyrene	15.43	252	398508	41.371	ng	#	97
90) Dibenzo(a,h)anthracene	16.99	278	291750	37.846	ng		98
91) Benzo(g,h,i)perylene	17.42	276	272954	35.821	ng		97

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

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