Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101517\
Data File : BF099511.D
Acq On : 15 Oct 2017 14:00
Operator : SJ/JU
Sample : I5752-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-8(0-5)MSD

Quant Time: Oct 16 13:46:25 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	90131	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	365512	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	158045	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	247457	20.00	ng		0.00
75) Chrysene-d12	14.02	240	143815	20.00	ng		0.00
86) Perylene-d12	15.49	264	155321	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	726116	128.25	ng		0.00
7) Phenol-d6	6.49	99	879801	125.96	ng		0.00
23) Nitrobenzene-d5	7.42	82	527975	92.63	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	155696	120.39	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	945610	99.88	ng		0.00
78) Terphenyl-d14	12.95	244	606862	95.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	94371	34.893	ng		94
3) Pyridine	3.44	79	258361	35.312	ng		90
4) n-Nitrosodimethylamine	3.39	42	108254	34.892	ng		80
6) Aniline	6.51	93	284333	30.163	ng		97
8) 2-Chlorophenol	6.63	128	259735	40.509	ng		95
9) Benzaldehyde	6.40	77	86939	21.458	ng		96
10) Phenol	6.50	94	364192	46.623	ng		99
11) bis(2-Chloroethyl)ether	6.58	93	248194	40.871	ng		98
12) 1,3-Dichlorobenzene	6.79	146	280870	41.828	ng		97
13) 1,4-Dichlorobenzene	6.86	146	284098	41.583	ng		98
14) 1,2-Dichlorobenzene	7.02	146	263233	41.698	ng		98
15) Benzyl Alcohol	6.99	79	197245	38.495	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	345909	36.561	ng		88
17) 2-Methylphenol	7.10	107	211232	40.263	ng		97
18) Hexachloroethane	7.35	117	96427	39.267	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	160157	35.915	ng		95
20) 3+4-Methylphenols	7.26	107	257376	38.779	ng	#	71
22) Acetophenone	7.26	105	340758	38.479	ng	#	97
24) Nitrobenzene	7.43	77	256514	39.675	ng		91
25) Isophorone	7.67	82	475115	40.319	ng		98
26) 2-Nitrophenol	7.75	139	140626	45.231	ng		91
27) 2,4-Dimethylphenol	7.78	122	225725	38.444	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	309243	42.111	ng		99
29) 2,4-Dichlorophenol	7.99	162	213129	42.278	ng		100
30) 1,2,4-Trichlorobenzene	8.07	180	220699	43.773	ng		98
31) Naphthalene	8.15	128	731732	42.625	ng		100
33) 4-Chloroaniline	8.20	127	203579	28.398	ng	#	94
34) Hexachlorobutadiene	8.26	225	108098	41.625	ng		99
35) Caprolactam	8.57	113	65371	40.426	ng		87
36) 4-Chloro-3-methylphenol	8.69	107	215884	38.101	ng		98
37) 2-Methylnaphthalene	8.84	142	496763	44.514	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	200349	42.507	ng		99
40) Hexachlorocyclopentadiene	8.99	237	59869	27.794	ng		99
42) 2,4,6-Trichlorophenol	9.12	196	129628	38.821	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	136710	41.014	ng		94
45) 1,1'-Biphenyl	9.30	154	571293	42.059	ng		98
46) 2-Chloronaphthalene	9.33	162	448297	43.957	ng		95
47) 2-Nitroaniline	9.43	65	128588	41.178	ng		91
48) Acenaphthylene	9.75	152	663188	42.479	ng		100
49) Dimethylphthalate	9.60	163	748034	62.711	ng		100
50) 2,6-Dinitrotoluene	9.67	165	114513	44.096	ng	#	83
51) Acenaphthene	9.92	154	391739	39.612	ng		99
52) 3-Nitroaniline	9.85	138	111251	36.741	ng		92
53) 2,4-Dinitrophenol	9.97	184	1498	6.855	ng	#	91
54) Dibenzofuran	10.09	168	578402	43.927	ng		98
55) 4-Nitrophenol	10.01	139	113507	44.332	ng		90
56) 2,4-Dinitrotoluene	10.08	165	140166	41.589	ng		92
57) Fluorene	10.43	166	449524	42.474	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	84205	36.570	ng		96
59) Diethylphthalate	10.30	149	489488	41.996	ng		100
60) 4-Chlorophenyl-phenylether	10.42	204	208881	43.937	ng		93
61) 4-Nitroaniline	10.46	138	112536	38.523	ng		91
62) Azobenzene	10.58	77	622156	58.053	ng		94
64) 4,6-Dinitro-2-methylphenol	10.49	198	9515	6.320	ng		85
65) n-Nitrosodiphenylamine	10.54	169	405278	47.276	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	114004	47.066	ng		96
67) Hexachlorobenzene	10.98	284	110913	42.873	ng		97
68) Atrazine	11.07	200	118694	46.019	ng		99
69) Pentachlorophenol	11.18	266	54906	34.102	ng		99
70) Phenanthrene	11.40	178	590322	44.567	ng		98
71) Anthracene	11.45	178	594116	43.837	ng		98
72) Carbazole	11.60	167	520738	39.236	ng		99
73) Di-n-butylphthalate	11.92	149	709521	44.415	ng		99
74) Fluoranthene	12.59	202	510908	38.091	ng		98
76) Benzidine	12.71	184	194017	36.475	ng		97
77) Pyrene	12.82	202	509287	46.441	ng		98
79) Butylbenzylphthalate	13.42	149	234855	45.568	ng		93
80) Benzo(a)anthracene	14.00	228	392724	45.097	ng		98
81) 3,3'-Dichlorobenzidine	13.96	252	123506	38.688	ng		98
82) Chrysene	14.04	228	376109	45.365	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	314322	44.291	ng	#	99
84) Di-n-octyl phthalate	14.59	149	510532	44.677	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.97	276	394973	59.555	ng		96
87) Benzo(b)fluoranthene	15.06	252	395114	41.374	ng		98
88) Benzo(k)fluoranthene	15.09	252	379952	40.282	ng		99
89) Benzo(a)pyrene	15.43	252	381176	43.483	ng		97
90) Dibenzo(a,h)anthracene	16.98	278	330768	47.149	ng		96
91) Benzo(g,h,i)perylene	17.42	276	321464	46.357	ng		94

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

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