Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101517\
Data File : BF099510.D
Acq On : 15 Oct 2017 13:32
Operator : SJ/JU
Sample : I5752-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Oct 16 13:46:39 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	91567	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	378712	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	167311	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	272111	20.00	ng		0.00
75) Chrysene-d12	14.02	240	149782	20.00	ng		0.00
86) Perylene-d12	15.48	264	160724	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	624551	108.58	ng		0.00
7) Phenol-d6	6.49	99	743441	104.77	ng		0.00
23) Nitrobenzene-d5	7.41	82	450463	76.28	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	138655	101.28	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	835385	83.35	ng		-0.01
78) Terphenyl-d14	12.95	244	539563	81.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	69654	25.350	ng		94
3) Pyridine	3.44	79	176818	23.788	ng		89
4) n-Nitrosodimethylamine	3.37	42	78982	25.058	ng		84
6) Aniline	6.51	93	208636	21.785	ng		99
8) 2-Chlorophenol	6.63	128	196250	30.128	ng		93
9) Benzaldehyde	6.40	77	64728	15.726	ng		97
10) Phenol	6.50	94	282083	35.546	ng		96
11) bis(2-Chloroethyl)ether	6.58	93	183819	29.795	ng		97
12) 1,3-Dichlorobenzene	6.79	146	212322	31.123	ng		96
13) 1,4-Dichlorobenzene	6.86	146	217691	31.364	ng		97
14) 1,2-Dichlorobenzene	7.02	146	202805	31.622	ng		97
15) Benzyl Alcohol	6.99	79	151679	29.138	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	260401	27.091	ng		93
17) 2-Methylphenol	7.10	107	160668	30.145	ng		98
18) Hexachloroethane	7.35	117	74332	29.794	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	123589	27.280	ng		97
20) 3+4-Methylphenols	7.25	107	198450	29.432	ng	#	66
22) Acetophenone	7.26	105	263481	28.716	ng	#	98
24) Nitrobenzene	7.43	77	195207	29.140	ng		97
25) Isophorone	7.66	82	353049	28.916	ng		99
26) 2-Nitrophenol	7.75	139	105086	32.622	ng		88
27) 2,4-Dimethylphenol	7.78	122	171160	28.135	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	234471	30.816	ng		99
29) 2,4-Dichlorophenol	7.99	162	161720	30.962	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	169103	32.370	ng		97
31) Naphthalene	8.15	128	561909	31.592	ng		99
33) 4-Chloroaniline	8.20	127	159258	21.441	ng		97
34) Hexachlorobutadiene	8.26	225	82750	30.754	ng		98
35) Caprolactam	8.56	113	50060	29.878	ng	#	80
36) 4-Chloro-3-methylphenol	8.69	107	166072	28.288	ng		94
37) 2-Methylnaphthalene	8.84	142	381702	33.011	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	153127	30.689	ng		99
40) Hexachlorocyclopentadiene	8.99	237	53783	23.586	ng		95
42) 2,4,6-Trichlorophenol	9.12	196	98646	27.907	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	106762	30.256	ng		92
45) 1,1'-Biphenyl	9.30	154	447217	31.101	ng		97
46) 2-Chloronaphthalene	9.33	162	344199	31.881	ng		97
47) 2-Nitroaniline	9.43	65	97521	29.500	ng		99
48) Acenaphthylene	9.75	152	520245	31.478	ng		100
49) Dimethylphthalate	9.60	163	610923	48.380	ng		100
50) 2,6-Dinitrotoluene	9.67	165	89617	32.598	ng		91
51) Acenaphthene	9.92	154	306107	29.239	ng		99
52) 3-Nitroaniline	9.84	138	85667	26.725	ng		95
53) 2,4-Dinitrophenol	9.97	184	2935	7.729	ng		92
54) Dibenzofuran	10.09	168	459055	32.932	ng		99
55) 4-Nitrophenol	10.01	139	87293	32.206	ng		87
56) 2,4-Dinitrotoluene	10.08	165	110939	31.094	ng		90
57) Fluorene	10.43	166	362742	32.376	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	67304	27.611	ng		99
59) Diethylphthalate	10.30	149	391130	31.698	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	163448	32.476	ng		92
61) 4-Nitroaniline	10.46	138	88174	28.512	ng		87
62) Azobenzene	10.58	77	506745	44.665	ng		93
64) 4,6-Dinitro-2-methylphenol	10.49	198	12398	7.489	ng		83
65) n-Nitrosodiphenylamine	10.54	169	316581	33.583	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	89351	33.546	ng		92
67) Hexachlorobenzene	10.98	284	87580	30.787	ng		94
68) Atrazine	11.06	200	95756	33.762	ng		99
69) Pentachlorophenol	11.17	266	43978	24.840	ng		97
70) Phenanthrene	11.39	178	489295	33.593	ng		99
71) Anthracene	11.44	178	492492	33.046	ng		99
72) Carbazole	11.60	167	417449	28.604	ng		98
73) Di-n-butylphthalate	11.92	149	579565	32.993	ng		99
74) Fluoranthene	12.59	202	430664	29.199	ng		97
76) Benzidine	12.70	184	138721	25.040	ng		98
77) Pyrene	12.82	202	417658	36.568	ng		99
79) Butylbenzylphthalate	13.42	149	179030	33.353	ng		93
80) Benzo(a)anthracene	14.00	228	298885	32.954	ng		100
81) 3,3'-Dichlorobenzidine	13.96	252	89441	26.901	ng		97
82) Chrysene	14.04	228	284272	32.922	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	244883	33.132	ng		99
84) Di-n-octyl phthalate	14.59	149	372382	31.289	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.97	276	321925	46.607	ng		96
87) Benzo(b)fluoranthene	15.05	252	311741	31.546	ng	#	95
88) Benzo(k)fluoranthene	15.08	252	276723	28.351	ng		98
89) Benzo(a)pyrene	15.42	252	295629	32.591	ng	#	96
90) Dibenzo(a,h)anthracene	16.97	278	270129	37.211	ng		96
91) Benzo(g,h,i)perylene	17.42	276	269760	37.593	ng		96

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

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