Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100312.D
Acq On : 9 Nov 2017 00:33
Operator : SJ/JU
Sample : I6346-02MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-120-5(5-10)MS

Manual Integrations APPROVED
Sohil
11/9/2017 3:41:56 PM

Quant Time: Nov 09 09:32:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 08 14:33:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	179584	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	683889	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	288838	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	452771	20.00	ng		0.00
75) Chrysene-d12	14.06	240	358770	20.00	ng		0.00
86) Perylene-d12	15.54	264	338618	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	967596	86.37	ng		0.01
7) Phenol-d6	6.52	99	1185990	85.85	ng		0.00
23) Nitrobenzene-d5	7.46	82	716116	69.23	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	243361	82.68	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1241912	65.47	ng		0.00
78) Terphenyl-d14	13.00	244	869696	55.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	126078	23.093	ng		96
3) Pyridine	3.53	79	337071	22.630	ng		91
4) n-Nitrosodimethylamine	3.47	42	180666	24.982	ng		95
6) Aniline	6.56	93	267097	13.685	ng		99
8) 2-Chlorophenol	6.69	128	326310	27.533	ng		100
9) Benzaldehyde	6.45	77	114510	11.607	ng		99
10) Phenol	6.53	94	401333m	27.673	ng		
11) bis(2-Chloroethyl)ether	6.63	93	320487	26.309	ng		93
12) 1,3-Dichlorobenzene	6.85	146	356331	26.078	ng		98
13) 1,4-Dichlorobenzene	6.92	146	358811	25.945	ng		97
14) 1,2-Dichlorobenzene	7.07	146	335306	26.223	ng		96
15) Benzyl Alcohol	7.04	79	283691	26.312	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	588207	30.190	ng		98
17) 2-Methylphenol	7.15	107	271877	26.844	ng		98
18) Hexachloroethane	7.42	117	113633	24.920	ng		96
19) n-Nitroso-di-n-propylamine	7.31	70	234434	24.469	ng		95
20) 3+4-Methylphenols	7.30	107	343050	26.766	ng		90
22) Acetophenone	7.31	105	441932	26.500	ng	#	97
24) Nitrobenzene	7.48	77	335245	31.488	ng		99
25) Isophorone	7.72	82	634405	29.185	ng		99
26) 2-Nitrophenol	7.80	139	152168	32.446	ng		96
27) 2,4-Dimethylphenol	7.83	122	298049	30.587	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	413502	29.081	ng		98
29) 2,4-Dichlorophenol	8.03	162	268556	28.869	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	282209	28.046	ng		97
31) Naphthalene	8.20	128	898156	27.267	ng		99
32) Benzoic acid	7.85	122	2448m	9.635	ng		
33) 4-Chloroaniline	8.25	127	154261	11.251	ng		96
34) Hexachlorobutadiene	8.32	225	161063	26.921	ng		98
35) Caprolactam	8.60	113	82853m	25.953	ng		
36) 4-Chloro-3-methylphenol	8.72	107	269995	27.024	ng		100
37) 2-Methylnaphthalene	8.90	142	595758	27.242	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	272251	28.421	ng		97
40) Hexachlorocyclopentadiene	9.05	237	100135	22.210	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	185284	30.518	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	187729	29.844	ng		95
45) 1,1'-Biphenyl	9.36	154	696846	27.894	ng		100
46) 2-Chloronaphthalene	9.39	162	533219	29.422	ng		96
47) 2-Nitroaniline	9.47	65	162466	31.363	ng		90
48) Acenaphthylene	9.80	152	807718	26.893	ng		100
49) Dimethylphthalate	9.66	163	658408	29.855	ng		99
50) 2,6-Dinitrotoluene	9.72	165	126515	28.982	ng		95
51) Acenaphthene	9.97	154	472744	25.881	ng		100
52) 3-Nitroaniline	9.89	138	110956	21.525	ng		97
53) 2,4-Dinitrophenol	9.99	184	16184	18.729	ng	#	33
54) Dibenzofuran	10.15	168	686743	26.824	ng		99
55) 4-Nitrophenol	10.03	139	191487	45.749	ng		95
56) 2,4-Dinitrotoluene	10.12	165	157306	28.565	ng		99
57) Fluorene	10.49	166	502462	26.791	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	144084	27.949	ng	#	87
59) Diethylphthalate	10.36	149	604548	27.393	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	255927	27.817	ng	#	88
61) 4-Nitroaniline	10.50	138	110514	22.610	ng		91
62) Azobenzene	10.64	77	600065	28.869	ng		94
64) 4,6-Dinitro-2-methylphenol	10.52	198	20818	16.050	ng		84
65) n-Nitrosodiphenylamine	10.59	169	492875	31.307	ng		97
66) 4-Bromophenyl-phenylether	10.97	248	155962	32.133	ng	#	86
67) Hexachlorobenzene	11.03	284	150957	29.737	ng	#	88
68) Atrazine	11.12	200	148967	31.259	ng		97
69) Pentachlorophenol	11.22	266	161086	44.254	ng		97
70) Phenanthrene	11.45	178	666459	27.957	ng		99
71) Anthracene	11.50	178	679318	28.087	ng		100
72) Carbazole	11.65	167	598788	26.832	ng		99
73) Di-n-butylphthalate	11.98	149	829642	31.768	ng		99
74) Fluoranthene	12.63	202	632069	25.018	ng		98
76) Benzidine	12.76	184	267575	18.623	ng		97
77) Pyrene	12.86	202	639025	24.987	ng		99
79) Butylbenzylphthalate	13.48	149	285135	27.339	ng		95
80) Benzo(a)anthracene	14.05	228	587298	27.183	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	205340	26.527	ng	#	97
82) Chrysene	14.09	228	573264	27.401	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	412748	30.089	ng		100
84) Di-n-octyl phthalate	14.65	149	717156	30.432	ng		98
85) Indeno(1,2,3-cd)pyrene	17.03	276	468957	27.712	ng		96
87) Benzo(b)fluoranthene	15.10	252	566920	28.259	ng		99
88) Benzo(k)fluoranthene	15.14	252	525752m	27.737	ng		
89) Benzo(a)pyrene	15.48	252	512792	28.833	ng		98
90) Dibenzo(a,h)anthracene	17.05	278	403266	27.726	ng		97
91) Benzo(g,h,i)perylene	17.48	276	377855	26.539	ng		95

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

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