Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100509.D
Acq On : 13 Nov 2017 18:40
Operator : SJ/JU
Sample : I6301-07MS 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-110917-DMS

Quant Time: Nov 14 02:47:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 13 14:08:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	87109	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	324225	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	134738	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	205418	20.00	ng		0.00
75) Chrysene-d12	14.06	240	183107	20.00	ng		0.00
86) Perylene-d12	15.53	264	143028	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	235222	43.29	ng		0.00
7) Phenol-d6	6.52	99	279800	41.75	ng		0.00
23) Nitrobenzene-d5	7.45	82	169518	34.57	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	61776	44.99	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	319598	36.12	ng		0.00
78) Terphenyl-d14	13.00	244	224909	28.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	26852	10.140	ng	#	95
3) Pyridine	3.49	79	75161	10.403	ng		90
4) n-Nitrosodimethylamine	3.42	42	40654	11.589	ng	#	89
6) Aniline	6.55	93	60445	6.385	ng		98
8) 2-Chlorophenol	6.67	128	88203	15.343	ng		95
9) Benzaldehyde	6.44	77	39800	8.317	ng		95
10) Phenol	6.53	94	112483	15.990	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	80216	13.576	ng		98
12) 1,3-Dichlorobenzene	6.83	146	99278	14.979	ng		97
13) 1,4-Dichlorobenzene	6.91	146	100914	15.043	ng		96
14) 1,2-Dichlorobenzene	7.06	146	95402	15.381	ng		97
15) Benzyl Alcohol	7.03	79	71445	13.661	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	129864	13.741	ng		98
17) 2-Methylphenol	7.13	107	71189	14.491	ng		98
18) Hexachloroethane	7.40	117	20886	9.443	ng		91
19) n-Nitroso-di-n-propylamine	7.29	70	59425	12.787	ng		94
20) 3+4-Methylphenols	7.29	107	91075	14.650	ng		93
22) Acetophenone	7.30	105	120671	15.263	ng	#	99
24) Nitrobenzene	7.47	77	85225	16.885	ng		99
25) Isophorone	7.71	82	153680	14.912	ng		96
26) 2-Nitrophenol	7.79	139	36834	19.199	ng		97
27) 2,4-Dimethylphenol	7.82	122	78321	16.954	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	98433	14.602	ng		98
29) 2,4-Dichlorophenol	8.03	162	73891	16.754	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	79846	16.737	ng		96
31) Naphthalene	8.20	128	261542	16.748	ng		99
33) 4-Chloroaniline	8.24	127	56427	8.681	ng		98
34) Hexachlorobutadiene	8.31	225	48240	17.007	ng		97
35) Caprolactam	8.59	113	20017	13.226	ng		98
36) 4-Chloro-3-methylphenol	8.72	107	72078	15.217	ng		98
37) 2-Methylnaphthalene	8.89	142	169372	16.336	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	76377	17.092	ng	#	95
42) 2,4,6-Trichlorophenol	9.16	196	51395	18.147	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	50049	17.057	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.35	154	195057	16.738	ng		96
46) 2-Chloronaphthalene	9.37	162	146618	17.343	ng		95
47) 2-Nitroaniline	9.47	65	42335	18.748	ng		88
48) Acenaphthylene	9.79	152	223767	15.971	ng		98
49) Dimethylphthalate	9.65	163	227688	22.133	ng		99
50) 2,6-Dinitrotoluene	9.70	165	31389	15.414	ng		96
51) Acenaphthene	9.96	154	131281	15.407	ng		98
52) 3-Nitroaniline	9.87	138	36714	15.268	ng		95
53) 2,4-Dinitrophenol	9.98	184	455	8.522	ng	#	34
54) Dibenzofuran	10.13	168	196911	16.488	ng		98
55) 4-Nitrophenol	10.03	139	45652	23.381	ng		90
56) 2,4-Dinitrotoluene	10.11	165	38167	14.857	ng	#	84
57) Fluorene	10.47	166	149326	17.068	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.25	232	35947	14.948	ng	#	86
59) Diethylphthalate	10.34	149	168454	16.363	ng		99
60) 4-Chlorophenyl-phenylether	10.47	204	73135	17.041	ng	#	87
61) 4-Nitroaniline	10.48	138	35098	15.393	ng		94
62) Azobenzene	10.63	77	157637	16.258	ng		90
64) 4,6-Dinitro-2-methylphenol	10.52	198	724	9.143	ng		91
65) n-Nitrosodiphenylamine	10.58	169	131960	18.475	ng		95
66) 4-Bromophenyl-phenylether	10.96	248	41410	18.805	ng	#	87
67) Hexachlorobenzene	11.02	284	39232	17.035	ng		92
68) Atrazine	11.10	200	37801	17.484	ng		98
69) Pentachlorophenol	11.22	266	39210	23.743	ng		98
70) Phenanthrene	11.44	178	245295	22.680	ng		98
71) Anthracene	11.49	178	203110	18.510	ng		100
72) Carbazole	11.65	167	160683	15.870	ng		98
73) Di-n-butylphthalate	11.97	149	207332	17.499	ng		99
74) Fluoranthene	12.63	202	295938	25.818	ng		95
76) Benzidine	12.74	184	92767	12.651	ng		96
77) Pyrene	12.86	202	298002	22.831	ng		98
79) Butylbenzylphthalate	13.47	149	77284	14.519	ng		91
80) Benzo(a)anthracene	14.04	228	235194	21.330	ng		98
81) 3,3'-Dichlorobenzidine	14.00	252	57745	14.616	ng	#	98
82) Chrysene	14.08	228	220238	20.626	ng		98
83) Bis(2-ethylhexyl)phthalate	14.03	149	118290	16.896	ng		99
84) Di-n-octyl phthalate	14.64	149	195826	16.282	ng		98
85) Indeno(1,2,3-cd)pyrene	17.02	276	132543	15.346	ng	#	90
87) Benzo(b)fluoranthene	15.10	252	196612	23.203	ng		97
88) Benzo(k)fluoranthene	15.13	252	143979	17.983	ng	#	95
89) Benzo(a)pyrene	15.47	252	153315	20.409	ng		99
90) Dibenzo(a,h)anthracene	17.04	278	94658	15.408	ng	#	93
91) Benzo(g,h,i)perylene	17.47	276	111810	18.592	ng	#	91

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

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