Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
Data File : BM016390.D
Acq On : 15 Aug 2018 21:02
Operator : SJ/JU
Sample : PB112011BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB112011BS

Quant Time: Aug 16 01:30:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 15 11:23:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	21726	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	85552	20.00	ng		0.00
38) Acenaphthene-d10	14.74	164	46037	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	99174	20.00	ng		0.00
75) Chrysene-d12	21.62	240	123028	20.00	ng		0.00
86) Perylene-d12	23.94	264	118885	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	115806	88.54	ng		0.00
7) Phenol-d6	7.28	99	133928	78.41	ng		0.00
23) Nitrobenzene-d5	9.30	82	153350	83.37	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	48856	83.67	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	327679	86.60	ng		0.00
78) Terphenyl-d14	20.06	244	493564	83.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	25231	41.173	ng	#	100
3) Pyridine	3.87	79	52424	35.512	ng	#	68
4) n-Nitrosodimethylamine	3.79	42	68292	59.311	ng	#	28
6) Aniline	7.44	93	56926	28.946	ng	#	85
8) 2-Chlorophenol	7.67	128	61681	39.680	ng		98
9) Benzaldehyde	7.26	77	29158	24.297	ng		87
10) Phenol	7.31	94	63768	37.336	ng		86
11) bis(2-Chloroethyl)ether	7.53	93	48268	35.773	ng		84
12) 1,3-Dichlorobenzene	7.99	146	71626	39.365	ng	#	85
13) 1,4-Dichlorobenzene	8.15	146	71861	38.942	ng	#	91
14) 1,2-Dichlorobenzene	8.46	146	71169	39.415	ng	#	92
15) Benzyl Alcohol	8.37	79	52410	38.536	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	8.64	45	62611	30.320	ng		91
17) 2-Methylphenol	8.57	107	45816	39.247	ng	#	78
18) Hexachloroethane	9.17	117	38282	47.992	ng		94
19) n-Nitroso-di-n-propylamine	8.93	70	45907	36.772	ng	#	66
20) 3+4-Methylphenols	8.90	107	59838	35.627	ng	#	82
22) Acetophenone	8.96	105	93350	43.334	ng	#	77
24) Nitrobenzene	9.34	77	80178	43.305	ng		90
25) Isophorone	9.86	82	116937	46.477	ng	#	93
26) 2-Nitrophenol	10.05	139	31712	41.030	ng	#	28
27) 2,4-Dimethylphenol	10.10	122	51479	47.808	ng	#	76
28) bis(2-Chloroethoxy)methane	10.33	93	64294	39.317	ng		96
29) 2,4-Dichlorophenol	10.59	162	55992	43.760	ng		95
30) 1,2,4-Trichlorobenzene	10.79	180	66984	43.086	ng		96
31) Naphthalene	10.97	128	186487	43.070	ng		99
32) Benzoic acid	10.29	122	32795	39.953	ng	#	83
33) 4-Chloroaniline	11.10	127	48482	27.439	ng	#	87
34) Hexachlorobutadiene	11.23	225	55422	51.393	ng		98
35) Caprolactam	11.92	113	13723	38.723	ng		89
36) 4-Chloro-3-methylphenol	12.23	107	59592	42.344	ng	#	87
37) 2-Methylnaphthalene	12.57	142	136034	46.900	ng	#	86
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	76695	48.934	ng	#	100
40) Hexachlorocyclopentadiene	12.90	237	61936	80.458	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	45052	45.943	ng		98
43) 2,4,5-Trichlorophenol	13.27	196	47239	46.703	ng	#	80
45) 1,1'-Biphenyl	13.58	154	170456	41.027	ng		98
46) 2-Chloronaphthalene	13.63	162	135138	41.820	ng	#	86
47) 2-Nitroaniline	13.86	65	45030	42.149	ng	#	77
48) Acenaphthylene	14.47	152	210170	44.428	ng		100
49) Dimethylphthalate	14.20	163	173816	43.142	ng		99
50) 2,6-Dinitrotoluene	14.34	165	33346	41.135	ng	#	25
51) Acenaphthene	14.81	154	121911	41.902	ng		95
52) 3-Nitroaniline	14.69	138	24272	27.721	ng	#	77
53) 2,4-Dinitrophenol	14.91	184	31039	88.469	ng	#	51
54) Dibenzofuran	15.14	168	204812	42.719	ng	#	76
55) 4-Nitrophenol	15.00	139	43385	69.120	ng	#	82
56) 2,4-Dinitrotoluene	15.14	165	51671	44.578	ng	#	55
57) Fluorene	15.79	166	163991	46.029	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.38	232	42204	48.543	ng	#	100
59) Diethylphthalate	15.56	149	189355	43.604	ng		95
60) 4-Chlorophenyl-phenylether	15.77	204	88283	44.513	ng	#	84
61) 4-Nitroaniline	15.85	138	30874	36.751	ng	#	1
62) Azobenzene	16.07	77	220617	48.239	ng	#	72
64) 4,6-Dinitro-2-methylphenol	15.91	198	23972	39.823	ng	#	84
65) n-Nitrosodiphenylamine	16.00	169	133604	40.912	ng		97
66) 4-Bromophenyl-phenylether	16.67	248	50093	44.607	ng	#	72
67) Hexachlorobenzene	16.79	284	49763	40.239	ng	#	65
68) Atrazine	16.94	200	54081	46.206	ng		95
69) Pentachlorophenol	17.14	266	51609	67.393	ng		98
70) Phenanthrene	17.53	178	240075	43.238	ng		99
71) Anthracene	17.62	178	246415	45.664	ng		97
72) Carbazole	17.89	167	213710	38.228	ng	#	95
73) Di-n-butylphthalate	18.42	149	305768	43.893	ng	#	95
74) Fluoranthene	19.52	202	284970	46.011	ng		97
76) Benzidine	19.71	184	156885	45.634	ng		97
77) Pyrene	19.88	202	294648	39.965	ng		99
79) Butylbenzylphthalate	20.74	149	155200	41.438	ng	#	75
80) Benzo(a)anthracene	21.60	228	338490	44.671	ng		99
81) 3,3'-Dichlorobenzidine	21.53	252	88863	29.116	ng		99
82) Chrysene	21.66	228	310148	42.669	ng		98
83) Bis(2-ethylhexyl)phthalate	21.49	149	230542	42.473	ng		92
84) Di-n-octyl phthalate	22.39	149	400662	43.919	ng	#	87
85) Indeno(1,2,3-cd)pyrene	26.33	276	393061	45.570	ng		99
87) Benzo(b)fluoranthene	23.24	252	325738	46.536	ng	#	93
88) Benzo(k)fluoranthene	23.29	252	325144	45.835	ng	#	97
89) Benzo(a)pyrene	23.84	252	320437	47.620	ng	#	98
90) Dibenzo(a,h)anthracene	26.32	278	331380	47.532	ng	#	93
91) Benzo(g,h,i)perylene	27.05	276	309170	46.887	ng	#	88

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

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