Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083118\
Data File : BM016641.D
Acq On : 31 Aug 2018 17:49
Operator : SJ/JU
Sample : PB112537BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB112537BSD

Quant Time: Sep 01 00:33:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 27 13:01:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	81047	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	338950	20.00	ng	-0.01
38) Acenaphthene-d10	14.64	164	258512	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	799798	20.00	ng	0.00
75) Chrysene-d12	21.53	240	1077393	20.00	ng	0.00
86) Perylene-d12	23.81	264	1016801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	458840	110.94	ng	0.00
7) Phenol-d6	7.18	99	550574	100.60	ng	0.00
23) Nitrobenzene-d5	9.19	82	539474	72.67	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	794092	109.89	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	1888757	70.23	ng	0.00
78) Terphenyl-d14	19.97	244	4410281	86.64	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	88882	38.899	ng	# 100
3) Pyridine	3.80	79	163008	34.289	ng	# 79
4) n-Nitrosodimethylamine	3.72	42	120303	56.803	ng	# 53
6) Aniline	7.33	93	214500	35.024	ng	# 86
8) 2-Chlorophenol	7.56	128	218225	44.342	ng	97
9) Benzaldehyde	7.16	77	137593	36.226	ng	# 73
10) Phenol	7.21	94	225870	41.731	ng	87
11) bis(2-Chloroethyl)ether	7.43	93	158638	39.086	ng	94
12) 1,3-Dichlorobenzene	7.88	146	256434	39.301	ng	# 88
13) 1,4-Dichlorobenzene	8.03	146	255771	38.196	ng	# 95
14) 1,2-Dichlorobenzene	8.35	146	264139	40.151	ng	# 94
15) Benzyl Alcohol	8.26	79	226794	44.623	ng	# 71
16) 2,2'-oxybis(1-Chloropropan	8.52	45	116461	41.672	ng	# 36
17) 2-Methylphenol	8.46	107	171239	43.690	ng	# 72
18) Hexachloroethane	9.05	117	156473	50.723	ng	# 59
19) n-Nitroso-di-n-propylamine	8.82	70	182362	42.499	ng	# 88
20) 3+4-Methylphenols	8.79	107	229334	42.319	ng	# 78
22) Acetophenone	8.85	105	344670	42.229	ng	# 98
24) Nitrobenzene	9.23	77	314188	42.359	ng	89
25) Isophorone	9.75	82	484783	48.861	ng	# 93
26) 2-Nitrophenol	9.94	139	125742	39.655	ng	# 43
27) 2,4-Dimethylphenol	9.99	122	200040	48.409	ng	# 77
28) bis(2-Chloroethoxy)methane	10.22	93	253485	42.800	ng	97
29) 2,4-Dichlorophenol	10.47	162	276742	44.747	ng	94
30) 1,2,4-Trichlorobenzene	10.66	180	449043	47.850	ng	# 95
31) Naphthalene	10.85	128	708957	43.901	ng	96
32) Benzoic acid	10.21	122	112030	32.402	ng	# 72
33) 4-Chloroaniline	10.99	127	156682	23.054	ng	# 84
34) Hexachlorobutadiene	11.10	225	499571	55.774	ng	94
35) Caprolactam	11.82	113	50858	34.270	ng	# 50
36) 4-Chloro-3-methylphenol	12.12	107	247826	41.682	ng	# 85
37) 2-Methylnaphthalene	12.46	142	607268	48.035	ng	# 84
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	760341	52.078	ng	# 100
40) Hexachlorocyclopentadiene	12.78	237	1014664	125.553	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	419626	48.063	ng		92
43) 2,4,5-Trichlorophenol	13.17	196	393601	46.152	ng	#	94
45) 1,1'-Biphenyl	13.47	154	863647	38.100	ng		99
46) 2-Chloronaphthalene	13.52	162	703521	38.202	ng	#	92
47) 2-Nitroaniline	13.76	65	182347	37.174	ng	#	84
48) Acenaphthylene	14.37	152	1060933	40.812	ng		99
49) Dimethylphthalate	14.10	163	1001488	40.324	ng	#	98
50) 2,6-Dinitrotoluene	14.25	165	188115	38.833	ng	#	64
51) Acenaphthene	14.70	154	628958	39.383	ng		95
52) 3-Nitroaniline	14.59	138	104702	23.754	ng	#	63
53) 2,4-Dinitrophenol	14.82	184	189666	78.237	ng	#	65
54) Dibenzofuran	15.04	168	1270718	41.564	ng		93
55) 4-Nitrophenol	14.91	139	167793	59.684	ng	#	77
56) 2,4-Dinitrotoluene	15.04	165	305354	37.801	ng	#	88
57) Fluorene	15.69	166	1023165	44.302	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	431716	52.669	ng	#	100
59) Diethylphthalate	15.46	149	994966	38.422	ng		94
60) 4-Chlorophenyl-phenylether	15.67	204	930071	48.021	ng	#	83
61) 4-Nitroaniline	15.76	138	121415	28.185	ng	#	1
62) Azobenzene	15.97	77	1279278	46.380	ng		90
64) 4,6-Dinitro-2-methylphenol	15.82	198	219832	36.174	ng	#	58
65) n-Nitrosodiphenylamine	15.90	169	885212	39.343	ng		97
66) 4-Bromophenyl-phenylether	16.57	248	590702	48.067	ng		94
67) Hexachlorobenzene	16.69	284	642115	44.804	ng		94
68) Atrazine	16.85	200	540682	52.655	ng		92
69) Pentachlorophenol	17.04	266	569007	75.038	ng		98
70) Phenanthrene	17.43	178	1757250	42.509	ng		99
71) Anthracene	17.52	178	1780408	43.373	ng		99
72) Carbazole	17.80	167	1197232	32.455	ng		98
73) Di-n-butylphthalate	18.32	149	1662544	36.967	ng	#	97
74) Fluoranthene	19.43	202	2607508	43.021	ng		94
76) Benzidine	19.62	184	924748	44.632	ng		98
77) Pyrene	19.79	202	2667237	45.553	ng		99
79) Butylbenzylphthalate	20.65	149	770039	38.100	ng	#	65
80) Benzo(a)anthracene	21.51	228	2827817	44.644	ng		99
81) 3,3'-Dichlorobenzidine	21.44	252	702079	24.901	ng	#	96
82) Chrysene	21.56	228	2535174	41.948	ng		99
83) Bis(2-ethylhexyl)phthalate	21.40	149	1102878	36.707	ng	#	93
84) Di-n-octyl phthalate	22.29	149	1804569	36.142	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.12	276	3104365	35.718	ng	#	91
87) Benzo(b)fluoranthene	23.12	252	2884135	49.206	ng	#	90
88) Benzo(k)fluoranthene	23.16	252	2591659	43.456	ng	#	92
89) Benzo(a)pyrene	23.71	252	2602283	45.629	ng	#	94
90) Dibenzo(a,h)anthracene	26.11	278	2604878	40.754	ng	#	87
91) Benzo(g,h,i)perylene	26.83	276	2406054	41.936	ng	#	81

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

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