Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090518\
Data File : BM016669.D
Acq On : 05 Sep 2018 13:40
Operator : SJ/JU
Sample : PB112616BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB112616BS

Manual Integrations APPROVED
Sohil
9/6/2018 11:43:38 AM

Quant Time: Sep 05 16:58:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 16:42:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	76356	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	306377	20.00	ng	0.00
38) Acenaphthene-d10	14.61	164	198405	20.00	ng	0.00
63) Phenanthrene-d10	17.36	188	588217	20.00	ng	0.00
75) Chrysene-d12	21.50	240	770156	20.00	ng	0.00
86) Perylene-d12	23.77	264	792751	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	427695	109.76	ng	0.00
7) Phenol-d6	7.15	99	510123	98.93	ng	0.00
23) Nitrobenzene-d5	9.15	82	464727	69.26	ng	0.00
41) 2,4,6-Tribromophenol	16.11	330	547081	98.64	ng	0.00
44) 2-Fluorobiphenyl	13.23	172	1529108	74.08	ng	0.00
78) Terphenyl-d14	19.94	244	2882770	79.23	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	87922	40.843	ng	# 100
3) Pyridine	3.78	79	150043	33.501	ng	# 76
4) n-Nitrosodimethylamine	3.70	42	103659	51.952	ng	# 62
6) Aniline	7.30	93	180845	31.343	ng	# 85
8) 2-Chlorophenol	7.53	128	191342	41.268	ng	98
9) Benzaldehyde	7.12	77	119447	33.380	ng	# 68
10) Phenol	7.17	94	195963	38.430	ng	87
11) bis(2-Chloroethyl)ether	7.40	93	148629	38.870	ng	96
12) 1,3-Dichlorobenzene	7.85	146	240666	39.150	ng	# 84
13) 1,4-Dichlorobenzene	8.00	146	227618	36.080	ng	96
14) 1,2-Dichlorobenzene	8.32	146	225695	36.415	ng	97
15) Benzyl Alcohol	8.23	79	192093	40.117	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	8.48	45	97493	37.028	ng	# 46
17) 2-Methylphenol	8.43	107	147730	40.007	ng	# 72
18) Hexachloroethane	9.02	117	134147	46.157	ng	# 45
19) n-Nitroso-di-n-propylamine	8.79	70	145096	35.892	ng	# 89
20) 3+4-Methylphenols	8.76	107	185569	36.347	ng	# 81
22) Acetophenone	8.82	105	289189	39.198	ng	# 95
24) Nitrobenzene	9.20	77	260903	38.915	ng	# 89
25) Isophorone	9.71	82	383839	42.800	ng	# 90
26) 2-Nitrophenol	9.90	139	105056	36.653	ng	# 38
27) 2,4-Dimethylphenol	9.96	122	157673	42.213	ng	# 74
28) bis(2-Chloroethoxy)methane	10.19	93	205135	38.319	ng	# 98
29) 2,4-Dichlorophenol	10.43	162	236182	42.249	ng	93
30) 1,2,4-Trichlorobenzene	10.63	180	375637	44.283	ng	# 96
31) Naphthalene	10.82	128	581924	39.866	ng	99
32) Benzoic acid	10.16	122	83211	26.626	ng	# 54
33) 4-Chloroaniline	10.96	127	143208	23.312	ng	# 84
34) Hexachlorobutadiene	11.06	225	426620	52.693	ng	98
35) Caprolactam	11.79	113	39117m	29.161	ng	
36) 4-Chloro-3-methylphenol	12.09	107	183792	34.198	ng	89
37) 2-Methylnaphthalene	12.43	142	472235	41.325	ng	# 86
39) 1,2,4,5-Tetrachlorobenzene	12.80	216	590167	52.668	ng	# 100
40) Hexachlorocyclopentadiene	12.75	237	715105	118.467	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.06	196	311744	46.524	ng		94
43) 2,4,5-Trichlorophenol	13.13	196	299132	45.701	ng	#	91
45) 1,1'-Biphenyl	13.44	154	639745	36.773	ng		97
46) 2-Chloronaphthalene	13.49	162	532782	37.695	ng		96
47) 2-Nitroaniline	13.72	65	130719	34.723	ng	#	71
48) Acenaphthylene	14.34	152	758458	38.016	ng		98
49) Dimethylphthalate	14.07	163	700014	36.724	ng	#	97
50) 2,6-Dinitrotoluene	14.22	165	133832	35.997	ng	#	79
51) Acenaphthene	14.67	154	440129	35.908	ng		91
52) 3-Nitroaniline	14.56	138	73916	21.850	ng	#	66
53) 2,4-Dinitrophenol	14.79	184	162394	87.281	ng	#	69
54) Dibenzofuran	15.01	168	862640	36.765	ng	#	86
55) 4-Nitrophenol	14.88	139	128872	59.727	ng	#	77
56) 2,4-Dinitrotoluene	15.02	165	196629	31.716	ng	#	85
57) Fluorene	15.66	166	690418	38.951	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.24	232	301584	47.939	ng	#	100
59) Diethylphthalate	15.43	149	654201	32.916	ng		94
60) 4-Chlorophenyl-phenylether	15.64	204	639352	43.011	ng	#	84
61) 4-Nitroaniline	15.73	138	85265	25.790	ng	#	1
62) Azobenzene	15.94	77	847032	40.013	ng		89
64) 4,6-Dinitro-2-methylphenol	15.79	198	151940	33.996	ng	#	61
65) n-Nitrosodiphenylamine	15.87	169	579838	35.040	ng		98
66) 4-Bromophenyl-phenylether	16.54	248	388057	42.935	ng		94
67) Hexachlorobenzene	16.66	284	430116	40.807	ng		96
68) Atrazine	16.82	200	326508	43.235	ng		90
69) Pentachlorophenol	17.01	266	389543	69.850	ng		98
70) Phenanthrene	17.40	178	1109763	36.503	ng		100
71) Anthracene	17.49	178	1137375	37.675	ng		98
72) Carbazole	17.77	167	775553	28.586	ng		99
73) Di-n-butylphthalate	18.29	149	1014889	30.683	ng	#	95
74) Fluoranthene	19.40	202	1626839	36.495	ng		93
76) Benzidine	19.60	184	496400	33.516	ng		99
77) Pyrene	19.76	202	1652508	39.482	ng		98
79) Butylbenzylphthalate	20.63	149	464901	32.179	ng	#	67
80) Benzo(a)anthracene	21.49	228	1810710	39.990	ng		99
81) 3,3'-Dichlorobenzidine	21.42	252	555312	27.552	ng	#	95
82) Chrysene	21.54	228	1646167	38.104	ng		100
83) Bis(2-ethylhexyl)phthalate	21.38	149	669531	31.173	ng	#	93
84) Di-n-octyl phthalate	22.26	149	1115381	31.250	ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.06	276	2744198	44.169	ng	#	91
87) Benzo(b)fluoranthene	23.09	252	1968241	43.070	ng	#	90
88) Benzo(k)fluoranthene	23.13	252	1862890	40.064	ng	#	93
89) Benzo(a)pyrene	23.67	252	1885219	42.398	ng	#	94
90) Dibenzo(a,h)anthracene	26.06	278	2328988	46.736	ng	#	86
91) Benzo(g,h,i)perylene	26.77	276	2125290	47.512	ng	#	79

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

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