Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
Data File : BM015935.D
Acq On : 13 Jul 2018 03:28
Operator : SJ/JU
Sample : PB111003BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB111003BSD

Manual Integrations APPROVED
Sohil
7/13/2018 2:50:19 PM

Quant Time: Jul 13 07:37:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 05 17:39:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	88303	20.00	ng		-0.03
21) Naphthalene-d8	11.11	136	346516	20.00	ng		-0.04
38) Acenaphthene-d10	14.91	164	176171	20.00	ng		-0.02
63) Phenanthrene-d10	17.63	188	345359	20.00	ng		-0.02
75) Chrysene-d12	21.74	240	317924	20.00	ng		-0.02
86) Perylene-d12	24.13	264	302737	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	567156	110.15	ng		-0.02
7) Phenol-d6	7.44	99	721601	102.37	ng		-0.02
23) Nitrobenzene-d5	9.47	82	786738	110.78	ng		-0.03
41) 2,4,6-Tribromophenol	16.39	330	233583	101.47	ng		-0.02
44) 2-Fluorobiphenyl	13.53	172	1597698	112.59	ng		-0.03
78) Terphenyl-d14	20.20	244	1935689	112.93	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	87720	41.193	ng	#	100
3) Pyridine	3.99	79	234836	41.791	ng	#	75
4) n-Nitrosodimethylamine	3.90	42	215693	49.296	ng	#	42
6) Aniline	7.61	93	300677	35.183	ng	#	90
8) 2-Chlorophenol	7.85	128	321381	52.006	ng		96
9) Benzaldehyde	7.42	77	121415	27.328	ng		92
10) Phenol	7.47	94	369145	52.118	ng		94
11) bis(2-Chloroethyl)ether	7.70	93	269096	46.704	ng		87
12) 1,3-Dichlorobenzene	8.17	146	334495	48.820	ng	#	92
13) 1,4-Dichlorobenzene	8.32	146	343147	48.432	ng		96
14) 1,2-Dichlorobenzene	8.64	146	329798	48.130	ng		93
15) Benzyl Alcohol	8.54	79	283834	46.381	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.82	45	420827	66.877	ng		98
17) 2-Methylphenol	8.73	107	252735	51.504	ng	#	85
18) Hexachloroethane	9.37	117	141799	50.614	ng		96
19) n-Nitroso-di-n-propylamine	9.10	70	242300	42.771	ng	#	76
20) 3+4-Methylphenols	9.07	107	336944	49.434	ng		90
22) Acetophenone	9.13	105	453868	50.280	ng	#	87
24) Nitrobenzene	9.52	77	380547	55.046	ng		98
25) Isophorone	10.04	82	616786	56.899	ng	#	94
26) 2-Nitrophenol	10.23	139	165408	55.564	ng	#	59
27) 2,4-Dimethylphenol	10.27	122	273975	60.582	ng	#	85
28) bis(2-Chloroethoxy)methane	10.51	93	362823	51.375	ng		98
29) 2,4-Dichlorophenol	10.76	162	283908	56.683	ng		97
30) 1,2,4-Trichlorobenzene	10.97	180	307176	52.802	ng		97
31) Naphthalene	11.16	128	937497	52.183	ng		99
32) Benzoic acid	10.46	122	158836	39.670	ng		87
33) 4-Chloroaniline	11.28	127	206565	28.201	ng	#	87
34) Hexachlorobutadiene	11.42	225	202216	52.084	ng		99
35) Caprolactam	12.10	113	75730m	45.591	ng		
36) 4-Chloro-3-methylphenol	12.39	107	299328	52.084	ng		88
37) 2-Methylnaphthalene	12.75	142	685512	53.640	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	329148	58.212	ng	#	100
40) Hexachlorocyclopentadiene	13.07	237	340795	123.271	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.36	196	209573	58.635 ng		97
43) 2,4,5-Trichlorophenol	13.43	196	216676	56.119 ng	#	85
45) 1,1'-Biphenyl	13.75	154	845224	55.491 ng		99
46) 2-Chloronaphthalene	13.80	162	650193	57.093 ng	#	92
47) 2-Nitroaniline	14.01	65	216912	54.618 ng	#	78
48) Acenaphthylene	14.63	152	1032781	55.747 ng		99
49) Dimethylphthalate	14.36	163	805108	51.819 ng		100
50) 2,6-Dinitrotoluene	14.50	165	168202	55.524 ng	#	71
51) Acenaphthene	14.97	154	595574	51.663 ng		99
52) 3-Nitroaniline	14.83	138	121716	36.708 ng	#	78
53) 2,4-Dinitrophenol	15.04	184	125897	82.780 ng	#	81
54) Dibenzofuran	15.30	168	949619	53.458 ng	#	86
55) 4-Nitrophenol	15.13	139	245102	100.159 ng	#	74
56) 2,4-Dinitrotoluene	15.28	165	229683	52.516 ng		99
57) Fluorene	15.95	166	753838	51.461 ng		99
58) 2,3,4,6-Tetrachlorophenol	15.53	232	180675	55.455 ng	#	100
59) Diethylphthalate	15.70	149	827491	49.700 ng		96
60) 4-Chlorophenyl-phenylether	15.93	204	377423	50.072 ng	#	86
61) 4-Nitroaniline	15.99	138	149060	43.334 ng	#	34
62) Azobenzene	16.22	77	887120	56.841 ng		79
64) 4,6-Dinitro-2-methylphenol	16.04	198	99318	47.305 ng		89
65) n-Nitrosodiphenylamine	16.15	169	635513	53.703 ng		98
66) 4-Bromophenyl-phenylether	16.82	248	220644	57.221 ng	#	79
67) Hexachlorobenzene	16.94	284	239566	55.598 ng	#	76
68) Atrazine	17.08	200	218894	56.236 ng		97
69) Pentachlorophenol	17.29	266	247200	92.715 ng		99
70) Phenanthrene	17.67	178	1073297	54.321 ng		99
71) Anthracene	17.77	178	1087687	56.056 ng		98
72) Carbazole	18.03	167	952104	52.657 ng		98
73) Di-n-butylphthalate	18.56	149	1279897	52.517 ng	#	97
74) Fluoranthene	19.66	202	1140209	50.198 ng		100
76) Benzidine	19.83	184	465189	49.941 ng		99
77) Pyrene	20.02	202	1144858	57.809 ng		99
79) Butylbenzylphthalate	20.86	149	556701	58.153 ng	#	81
80) Benzo(a)anthracene	21.73	228	1105412	54.840 ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	326869	45.133 ng		99
82) Chrysene	21.78	228	1022539	54.456 ng		100
83) Bis(2-ethylhexyl)phthalate	21.61	149	793050	56.067 ng		94
84) Di-n-octyl phthalate	22.53	149	1297369	56.251 ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.60	276	1256956	72.049 ng	#	94
87) Benzo(b)fluoranthene	23.41	252	1092267	54.040 ng	#	96
88) Benzo(k)fluoranthene	23.46	252	1003871	51.129 ng		99
89) Benzo(a)pyrene	24.03	252	1013545	56.966 ng		100
90) Dibenzo(a,h)anthracene	26.60	278	1084516	67.748 ng		97
91) Benzo(g,h,i)perylene	27.36	276	1014266	72.111 ng	#	94

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

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