Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090518\
Data File : BM016683.D
Acq On : 05 Sep 2018 22:07
Operator : SJ/JU
Sample : PB112618BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 06 04:30:55 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

Instrument :
BNA_M
ClientSampleId :
PB112618BS

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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	65603	20.00	ng		-0.04
21) Naphthalene-d8	10.76	136	236393	20.00	ng		-0.05
38) Acenaphthene-d10	14.60	164	160760	20.00	ng		-0.04
63) Phenanthrene-d10	17.35	188	465276	20.00	ng		-0.04
75) Chrysene-d12	21.50	240	622272	20.00	ng		-0.04
86) Perylene-d12	23.76	264	735871	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	401335	119.88	ng		-0.04
7) Phenol-d6	7.15	99	506637	114.36	ng		-0.04
23) Nitrobenzene-d5	9.15	82	497015	96.00	ng		-0.04
41) 2,4,6-Tribromophenol	16.10	330	589991	131.29	ng		-0.04
44) 2-Fluorobiphenyl	13.22	172	1538723	92.00	ng		-0.04
78) Terphenyl-d14	19.94	244	3162880	107.58	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	63068	34.100	ng	#	100
3) Pyridine	3.78	79	127935	33.247	ng	#	84
4) n-Nitrosodimethylamine	3.69	42	92464	53.937	ng	#	65
6) Aniline	7.30	93	128801	25.982	ng		91
8) 2-Chlorophenol	7.53	128	167578	42.067	ng		95
9) Benzaldehyde	7.12	77	111979	36.423	ng	#	72
10) Phenol	7.18	94	164262	37.493	ng	#	75
11) bis(2-Chloroethyl)ether	7.40	93	118901	36.192	ng		92
12) 1,3-Dichlorobenzene	7.85	146	199451	37.764	ng	#	78
13) 1,4-Dichlorobenzene	8.00	146	203273	37.503	ng		91
14) 1,2-Dichlorobenzene	8.31	146	189724	35.629	ng	#	91
15) Benzyl Alcohol	8.23	79	148215	36.027	ng	#	72
16) 2,2'-oxybis(1-Chloropropan	8.49	45	83238	36.796	ng	#	49
17) 2-Methylphenol	8.43	107	123947	39.068	ng	#	72
18) Hexachloroethane	9.02	117	124979	50.051	ng	#	59
19) n-Nitroso-di-n-propylamine	8.78	70	133358	38.395	ng	#	91
20) 3+4-Methylphenols	8.76	107	164038	37.396	ng		77
22) Acetophenone	8.81	105	254322	44.678	ng	#	98
24) Nitrobenzene	9.19	77	237627	45.936	ng	#	88
25) Isophorone	9.70	82	349289	50.478	ng	#	91
26) 2-Nitrophenol	9.90	139	97381	44.034	ng	#	32
27) 2,4-Dimethylphenol	9.95	122	142652	49.498	ng	#	69
28) bis(2-Chloroethoxy)methane	10.19	93	182893	44.278	ng		94
29) 2,4-Dichlorophenol	10.43	162	190901	44.259	ng		91
30) 1,2,4-Trichlorobenzene	10.63	180	322988	49.349	ng		93
31) Naphthalene	10.82	128	522430	46.386	ng		98
32) Benzoic acid	10.17	122	78346	32.491	ng	#	78
33) 4-Chloroaniline	10.96	127	70248	14.821	ng	#	81
34) Hexachlorobutadiene	11.06	225	376836	60.324	ng		92
35) Caprolactam	11.78	113	35950m	34.734	ng		
36) 4-Chloro-3-methylphenol	12.08	107	170460	41.108	ng		91
37) 2-Methylnaphthalene	12.42	142	430904	48.872	ng	#	83
39) 1,2,4,5-Tetrachlorobenzene	12.79	216	538981	59.364	ng	#	100
40) Hexachlorocyclopentadiene	12.74	237	700075	134.687	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	281929	51.927 ng		91
43) 2,4,5-Trichlorophenol	13.13	196	266325	50.217 ng	#	94
45) 1,1'-Biphenyl	13.43	154	585885	41.563 ng		99
46) 2-Chloronaphthalene	13.49	162	477282	41.676 ng	#	92
47) 2-Nitroaniline	13.72	65	123606	40.522 ng		86
48) Acenaphthylene	14.33	152	682435	42.215 ng		98
49) Dimethylphthalate	14.07	163	641014	41.504 ng	#	97
50) 2,6-Dinitrotoluene	14.22	165	122446	40.646 ng	#	64
51) Acenaphthene	14.67	154	416522	41.940 ng		96
52) 3-Nitroaniline	14.56	138	49179	17.942 ng	#	83
53) 2,4-Dinitrophenol	14.78	184	143654	95.289 ng	#	73
54) Dibenzofuran	15.01	168	790301	41.569 ng	#	85
55) 4-Nitrophenol	14.87	139	121461	69.474 ng	#	76
56) 2,4-Dinitrotoluene	15.02	165	183244	36.479 ng	#	81
57) Fluorene	15.66	166	629265	43.814 ng		99
58) 2,3,4,6-Tetrachlorophenol	15.24	232	275794	54.105 ng	#	100
59) Diethylphthalate	15.43	149	635039	39.434 ng		97
60) 4-Chlorophenyl-phenylether	15.64	204	607858	50.468 ng	#	84
61) 4-Nitroaniline	15.73	138	77967	29.105 ng	#	1
62) Azobenzene	15.94	77	849407	49.521 ng		90
64) 4,6-Dinitro-2-methylphenol	15.78	198	130048	36.786 ng	#	60
65) n-Nitrosodiphenylamine	15.87	169	537554	41.068 ng		98
66) 4-Bromophenyl-phenylether	16.53	248	372988	52.173 ng		97
67) Hexachlorobenzene	16.65	284	398816	47.836 ng		91
68) Atrazine	16.82	200	337068	56.427 ng		90
69) Pentachlorophenol	17.00	266	368525	83.542 ng		97
70) Phenanthrene	17.39	178	1033996	42.997 ng		99
71) Anthracene	17.49	178	1070830	44.843 ng		98
72) Carbazole	17.76	167	722142	33.650 ng		99
73) Di-n-butylphthalate	18.29	149	983819	37.603 ng	#	95
74) Fluoranthene	19.39	202	1507339	42.749 ng		94
76) Benzidine	19.59	184	545672	45.598 ng		99
77) Pyrene	19.76	202	1540201	45.544 ng		99
79) Butylbenzylphthalate	20.62	149	457927	39.229 ng	#	67
80) Benzo(a)anthracene	21.48	228	1759336	48.090 ng		100
81) 3,3'-Dichlorobenzidine	21.42	252	385842	23.693 ng	#	96
82) Chrysene	21.53	228	1590225	45.557 ng		100
83) Bis(2-ethylhexyl)phthalate	21.37	149	651462	37.541 ng	#	90
84) Di-n-octyl phthalate	22.25	149	1088169	37.733 ng	#	95
85) Indeno(1,2,3-cd)pyrene	26.05	276	2964412	59.053 ng	#	91
87) Benzo(b)fluoranthene	23.08	252	2098503	49.470 ng	#	89
88) Benzo(k)fluoranthene	23.12	252	1914778	44.363 ng	#	93
89) Benzo(a)pyrene	23.66	252	2024409	49.047 ng	#	94
90) Dibenzo(a,h)anthracene	26.05	278	2526114	54.610 ng	#	86
91) Benzo(g,h,i)perylene	26.76	276	2358569	56.802 ng	#	80

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

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