Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
Data File : BM016538.D
Acq On : 23 Aug 2018 03:00
Operator : SJ/JU
Sample : PB112247BS
Misc :
ALS Vial : 17 Sample Multiplier: 2

Quant Time: Aug 23 04:23:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 16:31:22 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Manual Integrations APPROVED
Sohil
8/23/2018 6:39:24 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	319048	40.00	ng		-0.01
21) Naphthalene-d8	10.82	136	1207331	40.00	ng		0.00
38) Acenaphthene-d10	14.66	164	1009908	40.00	ng		-0.01
63) Phenanthrene-d10	17.40	188	3236379	40.00	ng		0.00
75) Chrysene-d12	21.54	240	4080457	40.00	ng		0.00
86) Perylene-d12	23.83	264	3842750	40.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1122752	137.92	ng		0.00
7) Phenol-d6	7.20	99	1379093	128.02	ng		0.00
23) Nitrobenzene-d5	9.20	82	1223638	92.55	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	2267337	160.63	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	5146960	97.98	ng		0.00
78) Terphenyl-d14	19.99	244	10276226	106.61	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	142918	31.778	ng	#	100
3) Pyridine	3.80	79	283289	30.275	ng	#	80
4) n-Nitrosodimethylamine	3.73	42	182737	43.837	ng	#	69
6) Aniline	7.35	93	322158	26.725	ng	#	91
8) 2-Chlorophenol	7.58	128	397072	40.991	ng		95
9) Benzaldehyde	7.16	77	255616	34.192	ng	#	76
10) Phenol	7.22	94	422916	39.698	ng		89
11) bis(2-Chloroethyl)ether	7.45	93	275409	34.475	ng		100
12) 1,3-Dichlorobenzene	7.90	146	465292	36.229	ng	#	84
13) 1,4-Dichlorobenzene	8.05	146	482383	36.599	ng		96
14) 1,2-Dichlorobenzene	8.36	146	482854	37.290	ng		95
15) Benzyl Alcohol	8.27	79	362745	36.261	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	8.53	45	188400	34.250	ng	#	44
17) 2-Methylphenol	8.47	107	303019	39.279	ng	#	75
18) Hexachloroethane	9.07	117	247469	40.756	ng	#	40
19) n-Nitroso-di-n-propylamine	8.83	70	303225	35.902	ng	#	85
20) 3+4-Methylphenols	8.81	107	415557	38.959	ng	#	76
22) Acetophenone	8.86	105	601153	41.355	ng	#	97
24) Nitrobenzene	9.25	77	542072	41.035	ng		93
25) Isophorone	9.76	82	855251	48.401	ng	#	93
26) 2-Nitrophenol	9.95	139	236752	41.923	ng	#	44
27) 2,4-Dimethylphenol	10.00	122	361445	49.112	ng	#	72
28) bis(2-Chloroethoxy)methane	10.24	93	458631	43.480	ng	#	96
29) 2,4-Dichlorophenol	10.49	162	564850	51.281	ng		88
30) 1,2,4-Trichlorobenzene	10.69	180	851540	50.949	ng	#	93
31) Naphthalene	10.87	128	1277250	44.409	ng		99
32) Benzoic acid	10.23	122	223850	36.353	ng	#	72
33) 4-Chloroaniline	11.01	127	163226	13.485	ng	#	88
34) Hexachlorobutadiene	11.12	225	852925	53.467	ng		98
35) Caprolactam	11.83	113	99745m	37.739	ng		
36) 4-Chloro-3-methylphenol	12.13	107	458117	43.263	ng		90
37) 2-Methylnaphthalene	12.48	142	1136829	50.490	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	1322521	46.374	ng	#	100
40) Hexachlorocyclopentadiene	12.80	237	1611073	133.265	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	805007	47.204	ng		99
43) 2,4,5-Trichlorophenol	13.18	196	810831m	48.674	ng		
45) 1,1'-Biphenyl	13.49	154	1690470	38.180	ng		98
46) 2-Chloronaphthalene	13.54	162	1422934	39.557	ng		100
47) 2-Nitroaniline	13.77	65	329235	34.362	ng		86
48) Acenaphthylene	14.39	152	2091796	41.196	ng		97
49) Dimethylphthalate	14.12	163	1990751	41.036	ng	#	97
50) 2,6-Dinitrotoluene	14.26	165	392305	41.460	ng	#	81
51) Acenaphthene	14.72	154	1238479	39.701	ng		98
52) 3-Nitroaniline	14.60	138	141653	16.453	ng	#	76
53) 2,4-Dinitrophenol	14.83	184	350172	73.949	ng	#	67
54) Dibenzofuran	15.06	168	2641817	44.239	ng		94
55) 4-Nitrophenol	14.92	139	399491	72.748	ng	#	78
56) 2,4-Dinitrotoluene	15.06	165	657599	41.677	ng	#	86
57) Fluorene	15.70	166	2120106	46.996	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	778264	48.608	ng	#	100
59) Diethylphthalate	15.47	149	1923291	38.023	ng		94
60) 4-Chlorophenyl-phenylether	15.69	204	1720023	45.465	ng	#	85
61) 4-Nitroaniline	15.77	138	255921	30.415	ng	#	1
62) Azobenzene	15.99	77	2080651	38.619	ng		89
64) 4,6-Dinitro-2-methylphenol	15.83	198	381038	30.990	ng	#	57
65) n-Nitrosodiphenylamine	15.92	169	1790230	39.326	ng		96
66) 4-Bromophenyl-phenylether	16.59	248	1053748	42.380	ng		97
67) Hexachlorobenzene	16.70	284	1209813	41.723	ng		96
68) Atrazine	16.86	200	978490	47.098	ng		92
69) Pentachlorophenol	17.06	266	1077221	70.214	ng		99
70) Phenanthrene	17.44	178	3612571	43.194	ng		100
71) Anthracene	17.53	178	3722222	44.818	ng		98
72) Carbazole	17.81	167	2589924	34.700	ng		97
73) Di-n-butylphthalate	18.33	149	3216730	35.351	ng	#	97
74) Fluoranthene	19.44	202	5156338	42.048	ng		94
76) Benzidine	19.63	184	2104980	53.649	ng		98
77) Pyrene	19.80	202	5200593	46.903	ng		99
79) Butylbenzylphthalate	20.67	149	1455552	38.031	ng	#	79
80) Benzo(a)anthracene	21.53	228	5450533	45.441	ng		98
81) 3,3'-Dichlorobenzidine	21.46	252	1041909	19.514	ng	#	97
82) Chrysene	21.58	228	4774029	41.714	ng		100
83) Bis(2-ethylhexyl)phthalate	21.42	149	2108966	37.067	ng	#	98
84) Di-n-octyl phthalate	22.30	149	3414211	36.110	ng	#	92
85) Indeno(1,2,3-cd)pyrene	26.15	276	6033050	36.656	ng	#	92
87) Benzo(b)fluoranthene	23.14	252	5309661	47.939	ng	#	91
88) Benzo(k)fluoranthene	23.19	252	5089241	45.159	ng	#	93
89) Benzo(a)pyrene	23.73	252	4953335	45.962	ng	#	95
90) Dibenzo(a,h)anthracene	26.15	278	5052181	41.830	ng	#	87
91) Benzo(g,h,i)perylene	26.86	276	4535068	41.830	ng	#	80

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

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