Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082318\
Data File : BM016560.D
Acq On : 23 Aug 2018 19:33
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 24 04:48:20 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	88692	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	402479	20.00	ng		-0.01
38) Acenaphthene-d10	14.65	164	294338	20.00	ng		-0.02
63) Phenanthrene-d10	17.39	188	989462	20.00	ng		-0.01
75) Chrysene-d12	21.54	240	1551417	20.00	ng		0.00
86) Perylene-d12	23.82	264	1701319	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	326029	72.03	ng		0.00
7) Phenol-d6	7.19	99	476357	79.54	ng		-0.01
23) Nitrobenzene-d5	9.20	82	749499	85.03	ng		-0.01
41) 2,4,6-Tribromophenol	16.15	330	656730	79.82	ng		-0.01
44) 2-Fluorobiphenyl	13.27	172	2566561	83.82	ng		-0.01
78) Terphenyl-d14	19.99	244	6888225	93.97	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	98915	39.559	ng	#	100
3) Pyridine	3.80	79	188073	36.151	ng	#	81
4) n-Nitrosodimethylamine	3.72	42	99111	42.763	ng	#	62
6) Aniline	7.35	93	279116	41.646	ng	#	90
8) 2-Chlorophenol	7.57	128	223641	41.526	ng		97
9) Benzaldehyde	7.17	77	184809	44.463	ng	#	75
10) Phenol	7.21	94	229566	38.758	ng		87
11) bis(2-Chloroethyl)ether	7.44	93	173386	39.037	ng		98
12) 1,3-Dichlorobenzene	7.89	146	277811	38.907	ng	#	82
13) 1,4-Dichlorobenzene	8.05	146	283046	38.626	ng		96
14) 1,2-Dichlorobenzene	8.36	146	280069	38.903	ng	#	93
15) Benzyl Alcohol	8.27	79	206306	37.093	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	8.53	45	121699	39.793	ng	#	44
17) 2-Methylphenol	8.47	107	174141	40.600	ng	#	74
18) Hexachloroethane	9.07	117	159966	47.385	ng	#	53
19) n-Nitroso-di-n-propylamine	8.83	70	199003	42.380	ng	#	88
20) 3+4-Methylphenols	8.80	107	234268	39.503	ng	#	79
22) Acetophenone	8.86	105	355096	36.639	ng	#	99
24) Nitrobenzene	9.24	77	354389	40.238	ng	#	87
25) Isophorone	9.75	82	464233	39.405	ng	#	95
26) 2-Nitrophenol	9.95	139	137810	36.601	ng	#	48
27) 2,4-Dimethylphenol	10.00	122	179167	36.514	ng	#	78
28) bis(2-Chloroethoxy)methane	10.23	93	261488	37.182	ng		98
29) 2,4-Dichlorophenol	10.48	162	286820	39.056	ng		90
30) 1,2,4-Trichlorobenzene	10.68	180	463553	41.599	ng		96
31) Naphthalene	10.87	128	719039	37.497	ng		99
32) Benzoic acid	10.20	122	115842	28.216	ng	#	81
33) 4-Chloroaniline	11.00	127	304681	37.754	ng	#	89
34) Hexachlorobutadiene	11.12	225	470232	44.212	ng		98
35) Caprolactam	11.83	113	67264	38.171	ng	#	59
36) 4-Chloro-3-methylphenol	12.12	107	265478	37.603	ng		86
37) 2-Methylnaphthalene	12.47	142	583269	38.854	ng	#	85
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	686193	41.279	ng	#	100
40) Hexachlorocyclopentadiene	12.79	237	264734	43.833	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	416352	41.884	ng		95
43) 2,4,5-Trichlorophenol	13.17	196	392447	40.416	ng	#	92
45) 1,1'-Biphenyl	13.48	154	927284	35.929	ng		98
46) 2-Chloronaphthalene	13.53	162	784037	37.392	ng		96
47) 2-Nitroaniline	13.76	65	208410	37.316	ng	#	82
48) Acenaphthylene	14.38	152	1093417	36.942	ng		98
49) Dimethylphthalate	14.12	163	1075374	38.029	ng	#	97
50) 2,6-Dinitrotoluene	14.26	165	214090	38.815	ng	#	62
51) Acenaphthene	14.72	154	683575	37.593	ng		97
52) 3-Nitroaniline	14.60	138	172943	34.460	ng	#	63
53) 2,4-Dinitrophenol	14.84	184	61795	22.388	ng	#	70
54) Dibenzofuran	15.05	168	1361324	39.108	ng	#	86
55) 4-Nitrophenol	14.92	139	104054	32.507	ng	#	79
56) 2,4-Dinitrotoluene	15.06	165	350450	38.104	ng	#	92
57) Fluorene	15.70	166	1032980	39.283	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.29	232	407224	43.634	ng	#	100
59) Diethylphthalate	15.47	149	1133466	38.442	ng		97
60) 4-Chlorophenyl-phenylether	15.69	204	955524	43.330	ng	#	89
61) 4-Nitroaniline	15.76	138	179535	36.604	ng	#	1
62) Azobenzene	15.98	77	1343283	42.773	ng		92
64) 4,6-Dinitro-2-methylphenol	15.82	198	219768	29.232	ng	#	64
65) n-Nitrosodiphenylamine	15.91	169	989858	35.561	ng		98
66) 4-Bromophenyl-phenylether	16.58	248	602990	39.661	ng		98
67) Hexachlorobenzene	16.70	284	702882	39.644	ng		93
68) Atrazine	16.86	200	518366	40.805	ng		91
69) Pentachlorophenol	17.05	266	346809	36.969	ng		95
70) Phenanthrene	17.44	178	1892008	36.996	ng		100
71) Anthracene	17.53	178	1877329	36.968	ng		99
72) Carbazole	17.80	167	1638073	35.893	ng		99
73) Di-n-butylphthalate	18.33	149	2022372	36.348	ng	#	96
74) Fluoranthene	19.44	202	2958524	39.455	ng		94
76) Benzidine	19.63	184	1111609	37.258	ng		98
77) Pyrene	19.80	202	3215094	38.133	ng		99
79) Butylbenzylphthalate	20.66	149	1052437	36.162	ng	#	73
80) Benzo(a)anthracene	21.52	228	3547809	38.897	ng		99
81) 3,3'-Dichlorobenzidine	21.46	252	1499270	36.928	ng	#	97
82) Chrysene	21.57	228	3313856	38.079	ng		99
83) Bis(2-ethylhexyl)phthalate	21.42	149	1539051	35.573	ng	#	93
84) Di-n-octyl phthalate	22.30	149	2565529	35.683	ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.14	276	4528385	36.183	ng	#	92
87) Benzo(b)fluoranthene	23.13	252	3845919	39.215	ng	#	91
88) Benzo(k)fluoranthene	23.18	252	3705991	37.139	ng	#	92
89) Benzo(a)pyrene	23.73	252	3609049	37.820	ng	#	94
90) Dibenzo(a,h)anthracene	26.14	278	3832082	35.832	ng	#	88
91) Benzo(g,h,i)perylene	26.85	276	3438748	35.821	ng	#	80

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

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