Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
Data File : BM016523.D
Acq On : 22 Aug 2018 17:56
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 23 03:16:33 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 :
SSTDCCC040

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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	98567	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	403965	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	334365	20.00	ng		-0.01
63) Phenanthrene-d10	17.40	188	1170264	20.00	ng		0.00
75) Chrysene-d12	21.54	240	1774232	20.00	ng		0.00
86) Perylene-d12	23.83	264	1917323	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	362820	72.13	ng		0.00
7) Phenol-d6	7.19	99	475640	71.46	ng		0.00
23) Nitrobenzene-d5	9.20	82	745369	84.25	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	788148	84.32	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	2958698	85.06	ng		0.00
78) Terphenyl-d14	19.99	244	7622141	90.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	110584	39.795	ng	#	100
3) Pyridine	3.81	79	209457	36.228	ng	#	80
4) n-Nitrosodimethylamine	3.73	42	100754	39.117	ng	#	67
6) Aniline	7.35	93	274352	36.834	ng	#	90
8) 2-Chlorophenol	7.58	128	228009	38.095	ng		93
9) Benzaldehyde	7.17	77	180640	39.106	ng	#	75
10) Phenol	7.22	94	236837	35.980	ng		82
11) bis(2-Chloroethyl)ether	7.45	93	174872	35.427	ng		98
12) 1,3-Dichlorobenzene	7.90	146	296415	37.353	ng	#	87
13) 1,4-Dichlorobenzene	8.05	146	309180	37.965	ng	#	95
14) 1,2-Dichlorobenzene	8.37	146	311734	38.963	ng		96
15) Benzyl Alcohol	8.28	79	210981	34.133	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	8.53	45	115617	34.017	ng	#	44
17) 2-Methylphenol	8.47	107	177328	37.201	ng	#	75
18) Hexachloroethane	9.08	117	155443	41.432	ng	#	50
19) n-Nitroso-di-n-propylamine	8.83	70	191617	36.719	ng	#	86
20) 3+4-Methylphenols	8.81	107	229880	34.880	ng	#	80
22) Acetophenone	8.86	105	363448	37.363	ng	#	97
24) Nitrobenzene	9.25	77	335712	37.977	ng	#	87
25) Isophorone	9.76	82	453765	38.374	ng	#	94
26) 2-Nitrophenol	9.96	139	143481	37.967	ng	#	30
27) 2,4-Dimethylphenol	10.01	122	178779	36.301	ng	#	75
28) bis(2-Chloroethoxy)methane	10.24	93	264285	37.442	ng	#	96
29) 2,4-Dichlorophenol	10.49	162	333788	45.285	ng		90
30) 1,2,4-Trichlorobenzene	10.69	180	542648	48.518	ng	#	96
31) Naphthalene	10.87	128	739687	38.432	ng		98
32) Benzoic acid	10.21	122	141885m	34.433	ng		
33) 4-Chloroaniline	11.01	127	308640	38.104	ng	#	88
34) Hexachlorobutadiene	11.12	225	559256	52.389	ng		98
35) Caprolactam	11.83	113	65850	37.231	ng	#	65
36) 4-Chloro-3-methylphenol	12.13	107	272241	38.419	ng		97
37) 2-Methylnaphthalene	12.48	142	600420	39.849	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	812621	43.032	ng	#	100
40) Hexachlorocyclopentadiene	12.80	237	302628	44.035	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	485448	42.989	ng		98
43) 2,4,5-Trichlorophenol	13.19	196	475822m	43.136	ng		
45) 1,1'-Biphenyl	13.49	154	1025178	34.967	ng		97
46) 2-Chloronaphthalene	13.54	162	883384	37.087	ng		98
47) 2-Nitroaniline	13.77	65	205079	32.324	ng		88
48) Acenaphthylene	14.39	152	1196444	35.584	ng		98
49) Dimethylphthalate	14.12	163	1231658	38.341	ng	#	98
50) 2,6-Dinitrotoluene	14.26	165	252334	40.272	ng	#	83
51) Acenaphthene	14.72	154	744613	36.048	ng		95
52) 3-Nitroaniline	14.60	138	189267	33.198	ng	#	81
53) 2,4-Dinitrophenol	14.83	184	116208	37.061	ng	#	76
54) Dibenzofuran	15.06	168	1565461	39.589	ng		95
55) 4-Nitrophenol	14.92	139	117776	32.389	ng	#	83
56) 2,4-Dinitrotoluene	15.06	165	403870	38.655	ng	#	96
57) Fluorene	15.71	166	1179493	39.485	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	482126	45.475	ng	#	100
59) Diethylphthalate	15.47	149	1209861	36.121	ng		95
60) 4-Chlorophenyl-phenylether	15.69	204	1109905	44.306	ng	#	84
61) 4-Nitroaniline	15.77	138	193917	34.804	ng	#	1
62) Azobenzene	15.99	77	1330038	37.281	ng		91
64) 4,6-Dinitro-2-methylphenol	15.83	198	310015	34.865	ng	#	57
65) n-Nitrosodiphenylamine	15.92	169	1153039	35.023	ng		98
66) 4-Bromophenyl-phenylether	16.59	248	710613	39.519	ng		96
67) Hexachlorobenzene	16.70	284	818458	39.030	ng		96
68) Atrazine	16.86	200	602182	40.080	ng		94
69) Pentachlorophenol	17.06	266	431258	38.869	ng		96
70) Phenanthrene	17.44	178	2197075	36.324	ng		98
71) Anthracene	17.53	178	2206308	36.734	ng		99
72) Carbazole	17.82	167	1861755	34.492	ng		99
73) Di-n-butylphthalate	18.34	149	2147544	32.635	ng	#	97
74) Fluoranthene	19.44	202	3384428	38.162	ng		94
76) Benzidine	19.63	184	1253325	36.732	ng		98
77) Pyrene	19.80	202	3665222	38.012	ng		99
79) Butylbenzylphthalate	20.67	149	1104250	33.178	ng	#	77
80) Benzo(a)anthracene	21.53	228	3983430	38.189	ng		99
81) 3,3'-Dichlorobenzidine	21.46	252	1735635	37.381	ng	#	97
82) Chrysene	21.58	228	3734084	37.519	ng		99
83) Bis(2-ethylhexyl)phthalate	21.42	149	1616324	32.667	ng	#	95
84) Di-n-octyl phthalate	22.31	149	2701975	32.861	ng	#	92
85) Indeno(1,2,3-cd)pyrene	26.16	276	5229351	36.536	ng	#	92
87) Benzo(b)fluoranthene	23.14	252	4358624	39.436	ng	#	90
88) Benzo(k)fluoranthene	23.19	252	4119632	36.633	ng	#	93
89) Benzo(a)pyrene	23.73	252	4062239	37.774	ng	#	94
90) Dibenzo(a,h)anthracene	26.16	278	4401492	36.520	ng	#	88
91) Benzo(g,h,i)perylene	26.87	276	3968348	36.680	ng	#	80

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

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