Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
Data File : BM016509.D
Acq On : 22 Aug 2018 07:59
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/22/2018 6:07:10 PM

Quant Time: Aug 22 11:41:11 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	8.02	152	170042	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	686974	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	601031	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	2034161	20.00	ng		0.00
75) Chrysene-d12	21.54	240	2696816	20.00	ng		0.00
86) Perylene-d12	23.84	264	2566107	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	641939	73.98	ng		0.00
7) Phenol-d6	7.20	99	869771	75.75	ng		0.00
23) Nitrobenzene-d5	9.21	82	1262812	83.93	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	1585066	94.34	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	5635023	90.12	ng		0.00
78) Terphenyl-d14	19.99	244	10878051	85.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	187767	39.168	ng	#	100
3) Pyridine	3.80	79	358641	35.957	ng	#	82
4) n-Nitrosodimethylamine	3.73	42	186128	41.888	ng	#	67
6) Aniline	7.36	93	486419	37.856	ng	#	88
8) 2-Chlorophenol	7.58	128	403211	39.050	ng		96
9) Benzaldehyde	7.17	77	317988	39.904	ng	#	79
10) Phenol	7.22	94	419093	36.906	ng		92
11) bis(2-Chloroethyl)ether	7.45	93	319501	37.520	ng		98
12) 1,3-Dichlorobenzene	7.90	146	539751	39.428	ng	#	83
13) 1,4-Dichlorobenzene	8.05	146	550086	39.155	ng		92
14) 1,2-Dichlorobenzene	8.37	146	559354	40.526	ng		97
15) Benzyl Alcohol	8.28	79	395246	37.066	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	8.54	45	211958	36.149	ng	#	35
17) 2-Methylphenol	8.47	107	317063	38.557	ng	#	72
18) Hexachloroethane	9.08	117	280866	43.395	ng	#	36
19) n-Nitroso-di-n-propylamine	8.84	70	369250	41.015	ng	#	86
20) 3+4-Methylphenols	8.81	107	441069	38.793	ng	#	81
22) Acetophenone	8.86	105	651290	39.371	ng		97
24) Nitrobenzene	9.25	77	601865	40.036	ng		97
25) Isophorone	9.77	82	833225	41.436	ng	#	95
26) 2-Nitrophenol	9.96	139	267666	41.649	ng	#	46
27) 2,4-Dimethylphenol	10.01	122	338091	40.368	ng	#	73
28) bis(2-Chloroethoxy)methane	10.25	93	482370	40.185	ng	#	98
29) 2,4-Dichlorophenol	10.49	162	623064	49.707	ng		91
30) 1,2,4-Trichlorobenzene	10.69	180	1033142	54.319	ng	#	95
31) Naphthalene	10.87	128	1332608	40.715	ng		98
32) Benzoic acid	10.24	122	259548	37.039	ng	#	76
33) 4-Chloroaniline	11.01	127	579673	42.083	ng	#	86
34) Hexachlorobutadiene	11.13	225	1004454	55.330	ng		99
35) Caprolactam	11.85	113	122361	40.682	ng	#	47
36) 4-Chloro-3-methylphenol	12.13	107	516618	42.871	ng		91
37) 2-Methylnaphthalene	12.49	142	1162702	45.377	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	1538634	45.328	ng	#	100
40) Hexachlorocyclopentadiene	12.80	237	609113	47.842	ng		96

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42) 2,4,6-Trichlorophenol	13.10	196	927045	45.670	ng		98
43) 2,4,5-Trichlorophenol	13.19	196	941767m	47.497	ng		
45) 1,1'-Biphenyl	13.49	154	1999839	37.947	ng		98
46) 2-Chloronaphthalene	13.55	162	1705090	39.823	ng		99
47) 2-Nitroaniline	13.77	65	384942	33.754	ng		85
48) Acenaphthylene	14.39	152	2340816	38.731	ng		99
49) Dimethylphthalate	14.13	163	2344423	40.601	ng	#	98
50) 2,6-Dinitrotoluene	14.27	165	479126	42.541	ng	#	90
51) Acenaphthene	14.73	154	1444430	38.901	ng		95
52) 3-Nitroaniline	14.60	138	350931	34.244	ng	#	75
53) 2,4-Dinitrophenol	14.83	184	241878	42.915	ng	#	69
54) Dibenzofuran	15.06	168	3186287	44.827	ng		97
55) 4-Nitrophenol	14.92	139	226894	34.713	ng	#	78
56) 2,4-Dinitrotoluene	15.06	165	796384	42.404	ng	#	94
57) Fluorene	15.71	166	2386017	44.436	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	884337	46.404	ng	#	100
59) Diethylphthalate	15.48	149	2302760	38.247	ng	#	92
60) 4-Chlorophenyl-phenylether	15.70	204	2137855	47.476	ng	#	85
61) 4-Nitroaniline	15.77	138	345311	34.478	ng	#	1
62) Azobenzene	15.99	77	2411693	37.608	ng		87
64) 4,6-Dinitro-2-methylphenol	15.83	198	599908	38.814	ng	#	55
65) n-Nitrosodiphenylamine	15.92	169	2253236	39.375	ng		97
66) 4-Bromophenyl-phenylether	16.59	248	1329466	42.535	ng		99
67) Hexachlorobenzene	16.71	284	1556608	42.705	ng		96
68) Atrazine	16.87	200	1115443	42.711	ng		90
69) Pentachlorophenol	17.06	266	782063	40.551	ng		98
70) Phenanthrene	17.44	178	4230668	40.240	ng		98
71) Anthracene	17.54	178	4242309	40.635	ng		99
72) Carbazole	17.82	167	3551961	37.858	ng		97
73) Di-n-butylphthalate	18.34	149	4165974	36.421	ng	#	97
74) Fluoranthene	19.44	202	6223567	40.372	ng		93
76) Benzidine	19.63	184	2153174	41.517	ng		99
77) Pyrene	19.81	202	6586803	44.942	ng		99
79) Butylbenzylphthalate	20.67	149	1913829	37.831	ng	#	83
80) Benzo(a)anthracene	21.53	228	6459527	40.741	ng		99
81) 3,3'-Dichlorobenzidine	21.46	252	2761661	39.131	ng	#	97
82) Chrysene	21.59	228	6077887	40.177	ng		98
83) Bis(2-ethylhexyl)phthalate	21.42	149	2836112	37.711	ng	#	98
84) Di-n-octyl phthalate	22.31	149	4332102	34.662	ng	#	92
85) Indeno(1,2,3-cd)pyrene	26.17	276	7319179	33.643	ng	#	92
87) Benzo(b)fluoranthene	23.14	252	6202597	41.931	ng	#	90
88) Benzo(k)fluoranthene	23.19	252	6324364	42.019	ng	#	93
89) Benzo(a)pyrene	23.74	252	5881847	40.866	ng	#	94
90) Dibenzo(a,h)anthracene	26.16	278	6242402	38.699	ng	#	88
91) Benzo(g,h,i)perylene	26.87	276	5511474	38.064	ng	#	80

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

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