Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
Data File : BM015918.D
Acq On : 12 Jul 2018 17:03
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 13 08:27:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 05 17:39:50 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/13/2018 2:50:05 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	90765	20.00	ng		-0.03
21) Naphthalene-d8	11.12	136	397558	20.00	ng		-0.03
38) Acenaphthene-d10	14.91	164	219283	20.00	ng		-0.02
63) Phenanthrene-d10	17.63	188	459149	20.00	ng		-0.02
75) Chrysene-d12	21.74	240	477492	20.00	ng		-0.02
86) Perylene-d12	24.14	264	468618	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	415797	78.56	ng		-0.02
7) Phenol-d6	7.44	99	546134	75.38	ng		-0.02
23) Nitrobenzene-d5	9.48	82	663993	81.49	ng		-0.02
41) 2,4,6-Tribromophenol	16.39	330	214405	74.83	ng		-0.02
44) 2-Fluorobiphenyl	13.53	172	1380152	78.14	ng		-0.03
78) Terphenyl-d14	20.20	244	2013246	78.21	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	83564	38.177	ng	#	100
3) Pyridine	3.99	79	210042	36.364	ng	#	71
4) n-Nitrosodimethylamine	3.90	42	188427	41.896	ng	#	40
6) Aniline	7.61	93	338526	38.538	ng		91
8) 2-Chlorophenol	7.85	128	247552	38.973	ng		95
9) Benzaldehyde	7.42	77	170873	37.417	ng		87
10) Phenol	7.47	94	269300	36.990	ng		96
11) bis(2-Chloroethyl)ether	7.70	93	223628	37.760	ng		89
12) 1,3-Dichlorobenzene	8.17	146	273214	38.795	ng	#	89
13) 1,4-Dichlorobenzene	8.32	146	282032	38.726	ng	#	95
14) 1,2-Dichlorobenzene	8.65	146	274734	39.007	ng		96
15) Benzyl Alcohol	8.54	79	235105	37.376	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.82	45	294870m	45.589	ng		
17) 2-Methylphenol	8.73	107	193652	38.393	ng	#	86
18) Hexachloroethane	9.37	117	118161	41.032	ng		98
19) n-Nitroso-di-n-propylamine	9.10	70	216761	37.225	ng	#	76
20) 3+4-Methylphenols	9.07	107	264906	37.811	ng		88
22) Acetophenone	9.13	105	401771	38.794	ng	#	87
24) Nitrobenzene	9.52	77	319507	40.283	ng		98
25) Isophorone	10.04	82	478907	38.508	ng		95
26) 2-Nitrophenol	10.23	139	131870	38.611	ng	#	60
27) 2,4-Dimethylphenol	10.27	122	195694	37.717	ng	#	83
28) bis(2-Chloroethoxy)methane	10.51	93	307895	38.000	ng		97
29) 2,4-Dichlorophenol	10.76	162	228423	39.750	ng		97
30) 1,2,4-Trichlorobenzene	10.97	180	256771	38.471	ng		97
31) Naphthalene	11.17	128	796744	38.655	ng		99
32) Benzoic acid	10.45	122	159227m	34.662	ng		
33) 4-Chloroaniline	11.28	127	323110	38.449	ng	#	87
34) Hexachlorobutadiene	11.42	225	172371	38.697	ng		98
35) Caprolactam	12.09	113	68429	35.906	ng	#	85
36) 4-Chloro-3-methylphenol	12.39	107	249628	37.859	ng		87
37) 2-Methylnaphthalene	12.75	142	552485	37.680	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	270387	38.418	ng	#	100
40) Hexachlorocyclopentadiene	13.07	237	129150	44.117	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.36	196	174164	39.148	ng		97
43) 2,4,5-Trichlorophenol	13.43	196	182257	37.924	ng	#	82
45) 1,1'-Biphenyl	13.74	154	734568	38.745	ng		99
46) 2-Chloronaphthalene	13.80	162	552055	38.945	ng	#	90
47) 2-Nitroaniline	14.01	65	193136	39.070	ng	#	78
48) Acenaphthylene	14.64	152	912744	39.582	ng		99
49) Dimethylphthalate	14.36	163	729625	37.728	ng		99
50) 2,6-Dinitrotoluene	14.50	165	146980	38.979	ng	#	66
51) Acenaphthene	14.97	154	559133	38.966	ng		98
52) 3-Nitroaniline	14.83	138	154243	37.372	ng	#	79
53) 2,4-Dinitrophenol	15.05	184	52267m	32.274	ng		
54) Dibenzofuran	15.30	168	852746	38.567	ng	#	86
55) 4-Nitrophenol	15.13	139	104974	34.463	ng	#	79
56) 2,4-Dinitrotoluene	15.29	165	203645	37.408	ng		99
57) Fluorene	15.95	166	692114	37.959	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.53	232	151457	37.347	ng	#	100
59) Diethylphthalate	15.70	149	790207	38.129	ng		95
60) 4-Chlorophenyl-phenylether	15.93	204	348008	37.092	ng	#	86
61) 4-Nitroaniline	15.99	138	147949	34.555	ng	#	27
62) Azobenzene	16.23	77	807285	41.556	ng		80
64) 4,6-Dinitro-2-methylphenol	16.04	198	101062	36.206	ng		85
65) n-Nitrosodiphenylamine	16.15	169	620165	39.418	ng		96
66) 4-Bromophenyl-phenylether	16.82	248	195271	38.090	ng	#	78
67) Hexachlorobenzene	16.94	284	220529	38.496	ng	#	75
68) Atrazine	17.08	200	192273	37.155	ng		97
69) Pentachlorophenol	17.29	266	128034	36.120	ng		99
70) Phenanthrene	17.68	178	1023797	38.975	ng		99
71) Anthracene	17.77	178	1020087	39.543	ng		98
72) Carbazole	18.04	167	943249	39.238	ng		97
73) Di-n-butylphthalate	18.56	149	1292946	39.905	ng	#	97
74) Fluoranthene	19.66	202	1134889	37.581	ng		100
76) Benzidine	19.84	184	524016	37.456	ng		98
77) Pyrene	20.02	202	1191461	40.057	ng		99
79) Butylbenzylphthalate	20.87	149	602207	41.884	ng	#	85
80) Benzo(a)anthracene	21.73	228	1187894	39.238	ng		100
81) 3,3'-Dichlorobenzidine	21.66	252	424636	39.038	ng		99
82) Chrysene	21.79	228	1082242	38.375	ng		100
83) Bis(2-ethylhexyl)phthalate	21.61	149	838901	39.489	ng		94
84) Di-n-octyl phthalate	22.53	149	1407109	40.621	ng	#	89
85) Indeno(1,2,3-cd)pyrene	26.61	276	1307931	49.917	ng	#	93
87) Benzo(b)fluoranthene	23.41	252	1142240	36.508	ng	#	96
88) Benzo(k)fluoranthene	23.46	252	1160514	38.184	ng		99
89) Benzo(a)pyrene	24.04	252	1068215	38.786	ng		99
90) Dibenzo(a,h)anthracene	26.61	278	1128966	45.560	ng		97
91) Benzo(g,h,i)perylene	27.37	276	1021138	46.901	ng	#	94

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

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