Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
Data File : BM017607.D
Acq On : 10 Nov 2018 00:37
Operator : MJ/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
11/12/2018 11:53:22 AM

Quant Time: Nov 12 01:51:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 15:08:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	316864	20.00	ng	-0.03
21) Naphthalene-d8	10.39	136	1415068	20.00	ng	-0.03
39) Acenaphthene-d10	14.26	164	823923	20.00	ng	-0.03
64) Phenanthrene-d10	17.02	188	1871994	20.00	ng	-0.03
76) Chrysene-d12	21.22	240	2014287	20.00	ng	-0.02
87) Perylene-d12	23.42	264	1751426	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1511753	80.69	ng	-0.02
7) Phenol-d6	6.81	99	2137870	83.79	ng	-0.02
23) Nitrobenzene-d5	8.77	82	2186309	90.36	ng	-0.03
42) 2,4,6-Tribromophenol	15.77	330	996631	89.45	ng	-0.02
45) 2-Fluorobiphenyl	12.88	172	5063079	81.76	ng	-0.02
79) Terphenyl-d14	19.66	244	7828866	87.61	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	357214	37.340	ng	# 83
3) Pyridine	3.62	79	899183	40.850	ng	# 80
4) n-Nitrosodimethylamine	3.53	42	402688	45.571	ng	# 63
6) Aniline	6.96	93	1311761	41.102	ng	95
8) 2-Chlorophenol	7.19	128	895547	41.320	ng	94
9) Benzaldehyde	6.78	77	580658	35.691	ng	92
10) Phenol	6.83	94	1108068	40.351	ng	96
11) bis(2-Chloroethyl)ether	7.06	93	870935	39.785	ng	96
12) 1,3-Dichlorobenzene	7.50	146	995366	39.396	ng	96
13) 1,4-Dichlorobenzene	7.65	146	1020755	39.544	ng	97
14) 1,2-Dichlorobenzene	7.96	146	987527	39.707	ng	98
15) Benzyl Alcohol	7.87	79	864585	46.357	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.15	45	1287260	42.090	ng	97
17) 2-Methylphenol	8.06	107	753622	42.756	ng	96
18) Hexachloroethane	8.67	117	364214	41.229	ng	95
19) n-Nitroso-di-n-propylamine	8.43	70	764146	45.482	ng	97
20) 3+4-Methylphenols	8.39	107	1048644	43.499	ng	96
22) Acetophenone	8.44	105	1429846	39.862	ng	# 95
24) Nitrobenzene	8.82	77	1093488	42.726	ng	93
25) Isophorone	9.34	82	1740880	43.573	ng	97
26) 2-Nitrophenol	9.52	139	545407	45.828	ng	93
27) 2,4-Dimethylphenol	9.59	122	739657	41.868	ng	100
28) bis(2-Chloroethoxy)methane	9.82	93	1161455	41.302	ng	99
29) 2,4-Dichlorophenol	10.05	162	889649	43.372	ng	97
30) 1,2,4-Trichlorobenzene	10.26	180	993813	40.388	ng	99
31) Naphthalene	10.44	128	2758287	39.775	ng	99
32) Benzoic acid	9.77	122	666707m	50.578	ng	
33) 4-Chloroaniline	10.56	127	1251357	41.781	ng	96
34) Hexachlorobutadiene	10.72	225	613717	39.363	ng	98
35) Caprolactam	11.38	113	323547m	43.282	ng	
36) 4-Chloro-3-methylphenol	11.69	107	1005350	43.482	ng	97
37) 2-Methylnaphthalene	12.06	142	1964312	41.394	ng	98
38) 1-Methylnaphthalene	12.28	142	1919484	41.559	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	1186566	40.894	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	630108	44.920	ng		99
43) 2,4,6-Trichlorophenol	12.69	196	755023	44.825	ng		99
44) 2,4,5-Trichlorophenol	12.76	196	792617	43.883	ng		97
46) 1,1'-Biphenyl	13.09	154	2992048	40.354	ng		99
47) 2-Chloronaphthalene	13.13	162	2229002	40.865	ng		99
48) 2-Nitroaniline	13.35	65	712282	46.432	ng		96
49) Acenaphthylene	13.99	152	3344835	42.305	ng		100
50) Dimethylphthalate	13.74	163	2673358	42.056	ng		100
51) 2,6-Dinitrotoluene	13.86	165	617012	44.102	ng		93
52) Acenaphthene	14.33	154	2034112	40.975	ng		98
53) 3-Nitroaniline	14.19	138	655138	43.236	ng		93
54) 2,4-Dinitrophenol	14.40	184	327424	44.017	ng		96
55) Dibenzofuran	14.67	168	3299065	39.963	ng		99
56) 4-Nitrophenol	14.50	139	512156	39.617	ng		91
57) 2,4-Dinitrotoluene	14.65	165	851141	45.264	ng	#	88
58) Fluorene	15.32	166	2536879	41.517	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.90	232	710762	43.170	ng		97
60) Diethylphthalate	15.11	149	2741715	43.492	ng		99
61) 4-Chlorophenyl-phenylether	15.32	204	1425106	40.910	ng		95
62) 4-Nitroaniline	15.36	138	642314	38.976	ng		95
63) Azobenzene	15.62	77	2693554	43.960	ng		97
65) 4,6-Dinitro-2-methylphenol	15.42	198	530198	44.674	ng		94
66) n-Nitrosodiphenylamine	15.54	169	2406880	42.497	ng		99
67) 4-Bromophenyl-phenylether	16.22	248	902333	43.899	ng		98
68) Hexachlorobenzene	16.32	284	999839	41.876	ng		98
69) Atrazine	16.50	200	803412	39.634	ng		97
70) Pentachlorophenol	16.67	266	709478	43.377	ng		100
71) Phenanthrene	17.06	178	4027794	39.879	ng		100
72) Anthracene	17.15	178	4005364	41.736	ng		100
73) Carbazole	17.43	167	4084212	41.662	ng		100
74) Di-n-butylphthalate	18.00	149	4668153	45.148	ng		99
75) Fluoranthene	19.09	202	4656718	40.974	ng		99
77) Benzidine	19.29	184	2099881	41.113	ng		99
78) Pyrene	19.45	202	4918204	43.687	ng		100
80) Butylbenzylphthalate	20.36	149	2128873	49.440	ng		91
81) Benzo(a)anthracene	21.20	228	4662525	41.133	ng		100
82) 3,3'-Dichlorobenzidine	21.14	252	1859265	44.010	ng		99
83) Chrysene	21.26	228	4438117	39.557	ng		98
84) Bis(2-ethylhexyl)phthalate	21.14	149	3014364	46.211	ng		99
85) Di-n-octyl phthalate	22.01	149	4914307	44.691	ng		97
86) Indeno(1,2,3-cd)pyrene	25.61	276	3773932m	30.074	ng		
88) Benzo(b)fluoranthene	22.76	252	4138799	43.222	ng		99
89) Benzo(k)fluoranthene	22.80	252	4119744	42.876	ng		100
90) Benzo(a)pyrene	23.32	252	3803672	41.836	ng		99
91) Dibenzo(a,h)anthracene	25.61	278	3195145	35.392	ng		99
92) Benzo(g,h,i)perylene	26.27	276	2968255	33.173	ng		99

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

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