Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110818\
Data File : BM017551.D
Acq On : 07 Nov 2018 09:30
Operator : MJ/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/9/2018 1:39:06 PM

Quant Time: Nov 07 13:36:55 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	256295	20.00	ng	-0.02
21) Naphthalene-d8	10.40	136	1199896	20.00	ng	-0.02
39) Acenaphthene-d10	14.27	164	766194	20.00	ng	-0.02
64) Phenanthrene-d10	17.02	188	1810511	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	2135994	20.00	ng	-0.02
87) Perylene-d12	23.42	264	2120417	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1218080	80.38	ng	-0.02
7) Phenol-d6	6.81	99	1731673	83.91	ng	-0.02
23) Nitrobenzene-d5	8.78	82	1816550	88.54	ng	-0.02
42) 2,4,6-Tribromophenol	15.77	330	962299	92.87	ng	-0.02
45) 2-Fluorobiphenyl	12.89	172	4613632	80.12	ng	-0.02
79) Terphenyl-d14	19.67	244	8085273	85.32	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	284677	36.790	ng	# 83
3) Pyridine	3.62	79	734507	41.254	ng	# 81
4) n-Nitrosodimethylamine	3.54	42	310194	43.399	ng	# 66
6) Aniline	6.97	93	1076779	41.713	ng	96
8) 2-Chlorophenol	7.19	128	727625	41.506	ng	92
9) Benzaldehyde	6.79	77	492190	37.403	ng	92
10) Phenol	6.84	94	911935	41.057	ng	98
11) bis(2-Chloroethyl)ether	7.07	93	730082	41.233	ng	96
12) 1,3-Dichlorobenzene	7.52	146	809452	39.609	ng	98
13) 1,4-Dichlorobenzene	7.66	146	828972	39.704	ng	98
14) 1,2-Dichlorobenzene	7.97	146	805309	40.032	ng	99
15) Benzyl Alcohol	7.87	79	723442	47.957	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.15	45	1091527	44.125	ng	95
17) 2-Methylphenol	8.07	107	627556	44.018	ng	96
18) Hexachloroethane	8.68	117	299543	41.922	ng	97
19) n-Nitroso-di-n-propylamine	8.43	70	668349	49.182	ng	96
20) 3+4-Methylphenols	8.40	107	884434	45.357	ng	98
22) Acetophenone	8.45	105	1214967	39.945	ng	# 95
24) Nitrobenzene	8.82	77	915017	42.164	ng	94
25) Isophorone	9.35	82	1546860	45.660	ng	96
26) 2-Nitrophenol	9.52	139	453207	45.024	ng	94
27) 2,4-Dimethylphenol	9.59	122	639530	42.692	ng	99
28) bis(2-Chloroethoxy)methane	9.83	93	1025156	42.993	ng	99
29) 2,4-Dichlorophenol	10.05	162	769413	44.237	ng	98
30) 1,2,4-Trichlorobenzene	10.26	180	836831	40.107	ng	99
31) Naphthalene	10.45	128	2347828	39.928	ng	99
32) Benzoic acid	9.76	122	547635	48.995	ng	89
33) 4-Chloroaniline	10.57	127	1095105	43.121	ng	97
34) Hexachlorobutadiene	10.72	225	528869	40.004	ng	98
35) Caprolactam	11.38	113	298274m	47.056	ng	
36) 4-Chloro-3-methylphenol	11.70	107	900146	45.913	ng	97
37) 2-Methylnaphthalene	12.06	142	1729391	42.979	ng	98
38) 1-Methylnaphthalene	12.29	142	1709857	43.659	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.44	216	1061565	39.342	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.41	237	564987	43.313	ng		97
43) 2,4,6-Trichlorophenol	12.69	196	689315	44.008	ng		99
44) 2,4,5-Trichlorophenol	12.76	196	733412	43.665	ng		98
46) 1,1'-Biphenyl	13.10	154	2715867	39.389	ng		99
47) 2-Chloronaphthalene	13.13	162	1986467	39.162	ng		99
48) 2-Nitroaniline	13.36	65	643724	45.285	ng		99
49) Acenaphthylene	13.99	152	3067910	41.726	ng		99
50) Dimethylphthalate	13.75	163	2569568	43.469	ng		100
51) 2,6-Dinitrotoluene	13.86	165	581057	44.661	ng		96
52) Acenaphthene	14.33	154	1858110	40.250	ng		98
53) 3-Nitroaniline	14.20	138	614837	43.634	ng		97
54) 2,4-Dinitrophenol	14.40	184	318146	45.623	ng		98
55) Dibenzofuran	14.67	168	3059494	39.853	ng		100
56) 4-Nitrophenol	14.51	139	489601	40.593	ng		94
57) 2,4-Dinitrotoluene	14.66	165	817694	46.762	ng	#	93
58) Fluorene	15.32	166	2381547	41.912	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.90	232	689339	45.024	ng		98
60) Diethylphthalate	15.11	149	2718877	46.379	ng		100
61) 4-Chlorophenyl-phenylether	15.32	204	1370422	42.304	ng		96
62) 4-Nitroaniline	15.37	138	606466	39.501	ng		96
63) Azobenzene	15.62	77	2560382	44.935	ng		96
65) 4,6-Dinitro-2-methylphenol	15.42	198	532615	46.131	ng		96
66) n-Nitrosodiphenylamine	15.54	169	2314292	42.250	ng		99
67) 4-Bromophenyl-phenylether	16.22	248	874417	43.986	ng		97
68) Hexachlorobenzene	16.33	284	962001	41.659	ng		99
69) Atrazine	16.50	200	839305	42.811	ng		100
70) Pentachlorophenol	16.67	266	703997	44.504	ng		100
71) Phenanthrene	17.06	178	3910225	40.030	ng		100
72) Anthracene	17.16	178	3852861	41.510	ng		99
73) Carbazole	17.43	167	4009515	42.289	ng		100
74) Di-n-butylphthalate	18.00	149	4917959	49.180	ng		100
75) Fluoranthene	19.09	202	4676447	42.544	ng		97
77) Benzidine	19.29	184	2540854	46.913	ng		99
78) Pyrene	19.45	202	4874889	40.834	ng		99
80) Butylbenzylphthalate	20.37	149	2346730	51.111	ng		93
81) Benzo(a)anthracene	21.21	228	4897683	40.746	ng		100
82) 3,3'-Dichlorobenzidine	21.15	252	2071002	46.228	ng		99
83) Chrysene	21.26	228	4714832	39.629	ng		100
84) Bis(2-ethylhexyl)phthalate	21.14	149	3517284	50.316	ng		100
85) Di-n-octyl phthalate	22.02	149	5880289	49.713	ng		98
86) Indeno(1,2,3-cd)pyrene	25.62	276	4982527	37.442	ng		99
88) Benzo(b)fluoranthene	22.76	252	4873626	42.039	ng		99
89) Benzo(k)fluoranthene	22.81	252	4754180	40.869	ng		99
90) Benzo(a)pyrene	23.33	252	4529552	41.150	ng		100
91) Dibenzo(a,h)anthracene	25.63	278	4269216	39.060	ng		99
92) Benzo(g,h,i)perylene	26.29	276	4027340	37.177	ng		98

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

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