Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
Data File : BM017228.D
Acq On : 19 Oct 2018 14:00
Operator : MJ/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Oct 20 03:49:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	244869	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	1123564	20.00	ng		0.00
39) Acenaphthene-d10	14.31	164	674108	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	1436627	20.00	ng		-0.01
76) Chrysene-d12	21.25	240	1322516	20.00	ng		-0.01
87) Perylene-d12	23.46	264	1269601	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1145795	79.14	ng		0.00
7) Phenol-d6	6.85	99	1589607	80.62	ng		0.00
23) Nitrobenzene-d5	8.82	82	1658932	86.35	ng		-0.01
42) 2,4,6-Tribromophenol	15.80	330	740955	81.28	ng		-0.01
45) 2-Fluorobiphenyl	12.93	172	4116844	81.26	ng		0.00
79) Terphenyl-d14	19.70	244	5252462	89.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	264762	35.813	ng	#	85
3) Pyridine	3.65	79	672556	39.537	ng	#	85
4) n-Nitrosodimethylamine	3.56	42	279979	41.000	ng	#	67
6) Aniline	7.01	93	991287	40.193	ng		98
8) 2-Chlorophenol	7.23	128	693903	41.429	ng		96
9) Benzaldehyde	6.82	77	496460	39.488	ng		95
10) Phenol	6.87	94	836480	39.417	ng		98
11) bis(2-Chloroethyl)ether	7.10	93	679877	40.189	ng		97
12) 1,3-Dichlorobenzene	7.56	146	765801	39.222	ng		97
13) 1,4-Dichlorobenzene	7.70	146	789963	39.601	ng		97
14) 1,2-Dichlorobenzene	8.02	146	770545	40.091	ng		99
15) Benzyl Alcohol	7.91	79	652896	45.300	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.20	45	933530	39.499	ng		99
17) 2-Methylphenol	8.11	107	575330	42.238	ng		97
18) Hexachloroethane	8.73	117	281391	41.219	ng		98
19) n-Nitroso-di-n-propylamine	8.47	70	589684	45.418	ng		97
20) 3+4-Methylphenols	8.44	107	801976	43.048	ng		97
22) Acetophenone	8.49	105	1125578	39.520	ng	#	97
24) Nitrobenzene	8.86	77	849773	41.818	ng		93
25) Isophorone	9.39	82	1335557	42.101	ng		98
26) 2-Nitrophenol	9.57	139	406787	43.394	ng		96
27) 2,4-Dimethylphenol	9.63	122	583177	41.575	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	915041	40.982	ng		100
29) 2,4-Dichlorophenol	10.10	162	703998	43.226	ng		100
30) 1,2,4-Trichlorobenzene	10.31	180	793553	40.617	ng		99
31) Naphthalene	10.49	128	2173431	39.473	ng		100
32) Benzoic acid	9.78	122	463080	44.245	ng		92
33) 4-Chloroaniline	10.61	127	996981	41.924	ng		98
34) Hexachlorobutadiene	10.77	225	505230	40.812	ng		99
35) Caprolactam	11.41	113	231434	38.992	ng		95
36) 4-Chloro-3-methylphenol	11.74	107	786100	42.820	ng		97
37) 2-Methylnaphthalene	12.11	142	1578684	41.899	ng		98
38) 1-Methylnaphthalene	12.33	142	1529548	41.709	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	963411	40.582	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	540933	47.133	ng		99
43) 2,4,6-Trichlorophenol	12.73	196	605286	43.922	ng		99
44) 2,4,5-Trichlorophenol	12.80	196	628264	42.514	ng		98
46) 1,1'-Biphenyl	13.14	154	2420341	39.898	ng		100
47) 2-Chloronaphthalene	13.17	162	1795170	40.225	ng		98
48) 2-Nitroaniline	13.39	65	510611	41.387	ng		99
49) Acenaphthylene	14.03	152	2644371	40.879	ng		100
50) Dimethylphthalate	13.78	163	2105509	40.484	ng		100
51) 2,6-Dinitrotoluene	13.90	165	466060	40.716	ng		98
52) Acenaphthene	14.37	154	1616470	39.799	ng		98
53) 3-Nitroaniline	14.23	138	484356	39.069	ng		96
54) 2,4-Dinitrophenol	14.43	184	213172	36.706	ng		96
55) Dibenzofuran	14.71	168	2634471	39.005	ng		97
56) 4-Nitrophenol	14.54	139	375720	36.009	ng		94
57) 2,4-Dinitrotoluene	14.69	165	626102	40.696	ng	#	98
58) Fluorene	15.36	166	1970569	39.416	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	568534	42.206	ng		97
60) Diethylphthalate	15.15	149	2108788	40.886	ng		99
61) 4-Chlorophenyl-phenylether	15.36	204	1145476	40.191	ng		98
62) 4-Nitroaniline	15.40	138	494488	36.955	ng		94
63) Azobenzene	15.66	77	2031790	40.529	ng		99
65) 4,6-Dinitro-2-methylphenol	15.45	198	374205	41.648	ng		96
66) n-Nitrosodiphenylamine	15.58	169	1896273	43.628	ng		99
67) 4-Bromophenyl-phenylether	16.26	248	702333	44.524	ng		96
68) Hexachlorobenzene	16.36	284	767936	41.910	ng		97
69) Atrazine	16.54	200	652990	41.976	ng		99
70) Pentachlorophenol	16.71	266	521034	41.510	ng		100
71) Phenanthrene	17.10	178	3044344	39.276	ng		99
72) Anthracene	17.19	178	3007187	40.831	ng		99
73) Carbazole	17.47	167	2912792	38.717	ng		100
74) Di-n-butylphthalate	18.04	149	3226884	40.667	ng		99
75) Fluoranthene	19.12	202	3225319	36.979	ng		99
77) Benzidine	19.32	184	1488664	44.392	ng		99
78) Pyrene	19.49	202	3356804	45.414	ng		100
80) Butylbenzylphthalate	20.40	149	1256292	45.163	ng		94
81) Benzo(a)anthracene	21.24	228	2999039	40.297	ng		99
82) 3,3'-Dichlorobenzidine	21.18	252	1158224	41.756	ng		99
83) Chrysene	21.29	228	2919110	39.627	ng		100
84) Bis(2-ethylhexyl)phthalate	21.18	149	1767492	41.837	ng		98
85) Di-n-octyl phthalate	22.05	149	2806245	39.595	ng		100
86) Indeno(1,2,3-cd)pyrene	25.68	276	3114980	37.807	ng		98
88) Benzo(b)fluoranthene	22.80	252	2854826	41.128	ng		99
89) Benzo(k)fluoranthene	22.85	252	2748143	39.456	ng		99
90) Benzo(a)pyrene	23.37	252	2647368	40.169	ng		99
91) Dibenzo(a,h)anthracene	25.69	278	2634427	40.256	ng		99
92) Benzo(g,h,i)perylene	26.36	276	2571455	39.645	ng		99

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

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