Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
Data File : BM017188.D
Acq On : 18 Oct 2018 12:14
Operator : MJ/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040EC

Quant Time: Oct 18 13:07:14 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	217484	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	922600	20.00	ng		0.00
39) Acenaphthene-d10	14.31	164	538445	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	1240415	20.00	ng		0.00
76) Chrysene-d12	21.26	240	1426950	20.00	ng		0.00
87) Perylene-d12	23.47	264	1452498	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1027806	79.93	ng		0.00
7) Phenol-d6	6.85	99	1375761	78.56	ng		0.00
23) Nitrobenzene-d5	8.83	82	1367503	86.69	ng		0.00
42) 2,4,6-Tribromophenol	15.81	330	607838	83.47	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	3226683	79.73	ng		0.00
79) Terphenyl-d14	19.70	244	5099953	80.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	250213	38.106	ng	#	87
3) Pyridine	3.65	79	605770	40.095	ng		87
4) n-Nitrosodimethylamine	3.56	42	241589	39.833	ng	#	70
6) Aniline	7.01	93	855595	39.059	ng		96
8) 2-Chlorophenol	7.24	128	593798	39.916	ng		96
9) Benzaldehyde	6.83	77	413406	37.022	ng		95
10) Phenol	6.87	94	726704	38.556	ng		96
11) bis(2-Chloroethyl)ether	7.11	93	577851	38.459	ng		99
12) 1,3-Dichlorobenzene	7.56	146	684953	39.498	ng		98
13) 1,4-Dichlorobenzene	7.71	146	691890	39.052	ng		97
14) 1,2-Dichlorobenzene	8.02	146	668604	39.168	ng		98
15) Benzyl Alcohol	7.92	79	535207	41.810	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	756324	36.030	ng		98
17) 2-Methylphenol	8.12	107	480812	39.744	ng		97
18) Hexachloroethane	8.73	117	242966	40.072	ng		96
19) n-Nitroso-di-n-propylamine	8.48	70	477573	41.415	ng		99
20) 3+4-Methylphenols	8.44	107	660615	39.925	ng		98
22) Acetophenone	8.49	105	915734	39.156	ng	#	97
24) Nitrobenzene	8.87	77	702939	42.127	ng		95
25) Isophorone	9.39	82	1074276	41.241	ng		98
26) 2-Nitrophenol	9.57	139	320839	41.906	ng		95
27) 2,4-Dimethylphenol	9.63	122	473837	41.138	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	731336	39.889	ng		99
29) 2,4-Dichlorophenol	10.10	162	559861	41.864	ng		99
30) 1,2,4-Trichlorobenzene	10.31	180	648294	40.410	ng		99
31) Naphthalene	10.50	128	1782655	39.428	ng		100
32) Benzoic acid	9.77	122	390335	45.418	ng		94
33) 4-Chloroaniline	10.62	127	794671	40.696	ng		97
34) Hexachlorobutadiene	10.78	225	413162	40.645	ng		98
35) Caprolactam	11.40	113	195107	40.032	ng		95
36) 4-Chloro-3-methylphenol	11.75	107	627482	41.625	ng		97
37) 2-Methylnaphthalene	12.12	142	1259732	40.716	ng		99
38) 1-Methylnaphthalene	12.34	142	1223562	40.633	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	758650	40.009	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	426580	46.534 ng	99
43) 2,4,6-Trichlorophenol	12.73	196	470186	42.715 ng	100
44) 2,4,5-Trichlorophenol	12.80	196	504614	42.750 ng	98
46) 1,1'-Biphenyl	13.14	154	1905970	39.335 ng	99
47) 2-Chloronaphthalene	13.18	162	1420579	39.852 ng	99
48) 2-Nitroaniline	13.39	65	405665	41.196 ng	99
49) Acenaphthylene	14.03	152	2120736	41.044 ng	100
50) Dimethylphthalate	13.78	163	1711155	41.192 ng	100
51) 2,6-Dinitrotoluene	13.90	165	380602	41.627 ng	97
52) Acenaphthene	14.37	154	1280744	39.478 ng	98
53) 3-Nitroaniline	14.23	138	411122	41.517 ng	96
54) 2,4-Dinitrophenol	14.43	184	204269	42.393 ng	96
55) Dibenzofuran	14.72	168	2113243	39.171 ng	98
56) 4-Nitrophenol	14.54	139	336458	39.800 ng	96
57) 2,4-Dinitrotoluene	14.69	165	521068	42.402 ng	96
58) Fluorene	15.37	166	1598587	40.032 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.94	232	459765	42.731 ng	98
60) Diethylphthalate	15.15	149	1738443	42.198 ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	914418	40.167 ng	95
62) 4-Nitroaniline	15.40	138	433313	40.081 ng	95
63) Azobenzene	15.66	77	1639750	40.950 ng	97
65) 4,6-Dinitro-2-methylphenol	15.45	198	325376	41.892 ng	96
66) n-Nitrosodiphenylamine	15.58	169	1543751	41.135 ng	100
67) 4-Bromophenyl-phenylether	16.26	248	563929	41.405 ng	95
68) Hexachlorobenzene	16.37	284	624181	39.453 ng	99
69) Atrazine	16.54	200	559005	41.619 ng	99
70) Pentachlorophenol	16.72	266	452303	41.734 ng	99
71) Phenanthrene	17.10	178	2630734	39.309 ng	100
72) Anthracene	17.20	178	2579771	40.569 ng	100
73) Carbazole	17.47	167	2623041	40.381 ng	100
74) Di-n-butylphthalate	18.04	149	2909099	42.461 ng	100
75) Fluoranthene	19.13	202	3074265	40.823 ng	99
77) Benzidine	19.32	184	1647879	45.544 ng	98
78) Pyrene	19.49	202	3233084	40.539 ng	99
80) Butylbenzylphthalate	20.40	149	1310704	43.908 ng	94
81) Benzo(a)anthracene	21.24	228	3220706	40.108 ng	100
82) 3,3'-Dichlorobenzidine	21.18	252	1266570	42.320 ng	98
83) Chrysene	21.29	228	3125303	39.321 ng	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	1915385	41.997 ng	99
85) Di-n-octyl phthalate	22.06	149	3140491	40.861 ng	100
86) Indeno(1,2,3-cd)pyrene	25.69	276	3554373	39.982 ng	98
88) Benzo(b)fluoranthene	22.81	252	3105887	39.110 ng	100
89) Benzo(k)fluoranthene	22.85	252	3216457	40.364 ng	99
90) Benzo(a)pyrene	23.37	252	3008159	39.896 ng	99
91) Dibenzo(a,h)anthracene	25.70	278	2992453	39.969 ng	99
92) Benzo(g,h,i)perylene	26.36	276	2931883	39.510 ng	99

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

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