Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101818\
Data File : BM017198.D
Acq On : 18 Oct 2018 18:21
Operator : MJ/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Oct 19 10:03:53 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	198477	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	848366	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	513835	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1210142	20.00	ng	0.00
76) Chrysene-d12	21.26	240	1416896	20.00	ng	0.00
87) Perylene-d12	23.46	264	1457917	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	925842	78.90	ng	0.00
7) Phenol-d6	6.85	99	1249429	78.18	ng	0.00
23) Nitrobenzene-d5	8.82	82	1261556	86.97	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	591047	85.06	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	3051800	79.02	ng	0.00
79) Terphenyl-d14	19.70	244	5072525	80.69	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	225441	37.622	ng	# 85
3) Pyridine	3.65	79	541482	39.272	ng	# 82
4) n-Nitrosodimethylamine	3.56	42	219981	39.743	ng	# 69
6) Aniline	7.01	93	774991	38.768	ng	96
8) 2-Chlorophenol	7.24	128	542015	39.925	ng	98
9) Benzaldehyde	6.82	77	386204	37.898	ng	91
10) Phenol	6.88	94	659623	38.348	ng	97
11) bis(2-Chloroethyl)ether	7.10	93	519009	37.851	ng	97
12) 1,3-Dichlorobenzene	7.56	146	612645	38.712	ng	95
13) 1,4-Dichlorobenzene	7.70	146	628978	38.901	ng	97
14) 1,2-Dichlorobenzene	8.02	146	609590	39.130	ng	99
15) Benzyl Alcohol	7.91	79	492592	42.166	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	703461	36.721	ng	98
17) 2-Methylphenol	8.11	107	440479	39.896	ng	96
18) Hexachloroethane	8.73	117	222392	40.191	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	433531	41.196	ng	99
20) 3+4-Methylphenols	8.44	107	605399	40.091	ng	97
22) Acetophenone	8.49	105	845272	39.306	ng	# 97
24) Nitrobenzene	8.86	77	644463	42.002	ng	93
25) Isophorone	9.39	82	981018	40.956	ng	97
26) 2-Nitrophenol	9.57	139	292883	41.643	ng	95
27) 2,4-Dimethylphenol	9.63	122	435933	41.159	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	669473	39.710	ng	98
29) 2,4-Dichlorophenol	10.10	162	521557	42.412	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	600943	40.736	ng	99
31) Naphthalene	10.49	128	1626514	39.123	ng	99
32) Benzoic acid	9.77	122	352728	44.634	ng	92
33) 4-Chloroaniline	10.61	127	741723	41.308	ng	97
34) Hexachlorobutadiene	10.77	225	378365	40.479	ng	100
35) Caprolactam	11.40	113	182487	40.719	ng	94
36) 4-Chloro-3-methylphenol	11.74	107	588236	42.436	ng	97
37) 2-Methylnaphthalene	12.11	142	1163148	40.884	ng	98
38) 1-Methylnaphthalene	12.33	142	1140576	41.191	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	714383	39.478	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	403497	46.125	ng	98
43) 2,4,6-Trichlorophenol	12.73	196	445168	42.379	ng	100
44) 2,4,5-Trichlorophenol	12.80	196	473330	42.020	ng	98
46) 1,1'-Biphenyl	13.14	154	1786080	38.626	ng	99
47) 2-Chloronaphthalene	13.17	162	1334740	39.237	ng	98
48) 2-Nitroaniline	13.39	65	391578	41.605	ng	98
49) Acenaphthylene	14.03	152	2009442	40.753	ng	99
50) Dimethylphthalate	13.78	163	1636364	41.278	ng	100
51) 2,6-Dinitrotoluene	13.90	165	362460	41.542	ng	98
52) Acenaphthene	14.37	154	1226611	39.620	ng	99
53) 3-Nitroaniline	14.23	138	395049	41.805	ng	97
54) 2,4-Dinitrophenol	14.43	184	198697	43.053	ng	96
55) Dibenzofuran	14.71	168	2019076	39.218	ng	97
56) 4-Nitrophenol	14.53	139	319439	39.620	ng	90
57) 2,4-Dinitrotoluene	14.69	165	501480	42.763	ng	96
58) Fluorene	15.36	166	1533502	40.242	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	448207	43.652	ng	99
60) Diethylphthalate	15.15	149	1676134	42.634	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	870733	40.080	ng	95
62) 4-Nitroaniline	15.39	138	420803	40.704	ng	92
63) Azobenzene	15.66	77	1593219	41.694	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	317047	41.849	ng	98
66) n-Nitrosodiphenylamine	15.58	169	1484793	40.554	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	550012	41.393	ng	94
68) Hexachlorobenzene	16.36	284	612388	39.676	ng	96
69) Atrazine	16.54	200	546936	41.739	ng	97
70) Pentachlorophenol	16.71	266	439475	41.565	ng	100
71) Phenanthrene	17.10	178	2565695	39.296	ng	99
72) Anthracene	17.19	178	2529764	40.777	ng	100
73) Carbazole	17.47	167	2595616	40.958	ng	99
74) Di-n-butylphthalate	18.04	149	2852588	42.678	ng	99
75) Fluoranthene	19.12	202	3034508	41.303	ng	99
77) Benzidine	19.32	184	1669375	46.465	ng	98
78) Pyrene	19.49	202	3213629	40.581	ng	100
80) Butylbenzylphthalate	20.40	149	1308358	44.102	ng	93
81) Benzo(a)anthracene	21.24	228	3191086	40.021	ng	99
82) 3,3'-Dichlorobenzidine	21.18	252	1277173	42.977	ng	99
83) Chrysene	21.29	228	3126951	39.621	ng	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	1932621	42.589	ng	99
85) Di-n-octyl phthalate	22.06	149	3169957	41.445	ng	100
86) Indeno(1,2,3-cd)pyrene	25.68	276	3580916	40.567	ng	98
88) Benzo(b)fluoranthene	22.80	252	3166429	39.725	ng	100
89) Benzo(k)fluoranthene	22.85	252	3195116	39.948	ng	99
90) Benzo(a)pyrene	23.37	252	3042733	40.204	ng	99
91) Dibenzo(a,h)anthracene	25.70	278	3018905	40.172	ng	98
92) Benzo(g,h,i)perylene	26.36	276	2959338	39.732	ng	98

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

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