Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102218\
Data File : BM017274.D
Acq On : 22 Oct 2018 12:05
Operator : MJ/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 22 13:05:14 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	7.66	152	270670	20.00	ng		-0.01
21) Naphthalene-d8	10.44	136	1268486	20.00	ng		-0.01
39) Acenaphthene-d10	14.30	164	777547	20.00	ng		-0.01
64) Phenanthrene-d10	17.06	188	1777274	20.00	ng		-0.01
76) Chrysene-d12	21.25	240	1917796	20.00	ng		-0.01
87) Perylene-d12	23.46	264	1707026	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1362824	85.16	ng		-0.01
7) Phenol-d6	6.85	99	1921115	88.14	ng		-0.01
23) Nitrobenzene-d5	8.82	82	1944937	89.67	ng		-0.02
42) 2,4,6-Tribromophenol	15.80	330	969656	92.21	ng		-0.01
45) 2-Fluorobiphenyl	12.92	172	4859629	83.16	ng		-0.01
79) Terphenyl-d14	19.70	244	7724005	90.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	310247	37.965	ng		90
3) Pyridine	3.64	79	794105	42.233	ng	#	86
4) n-Nitrosodimethylamine	3.56	42	305356	40.453	ng	#	71
6) Aniline	7.00	93	1193943	43.795	ng		97
8) 2-Chlorophenol	7.23	128	822346	44.418	ng		97
9) Benzaldehyde	6.82	77	565725	40.708	ng		95
10) Phenol	6.87	94	1013628	43.211	ng		99
11) bis(2-Chloroethyl)ether	7.10	93	804949	43.047	ng		99
12) 1,3-Dichlorobenzene	7.55	146	909605	42.146	ng		98
13) 1,4-Dichlorobenzene	7.70	146	934243	42.369	ng		98
14) 1,2-Dichlorobenzene	8.01	146	891475	41.962	ng		99
15) Benzyl Alcohol	7.90	79	777103	48.778	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.19	45	1068546	40.902	ng		99
17) 2-Methylphenol	8.10	107	684195	45.442	ng		98
18) Hexachloroethane	8.72	117	325745	43.167	ng		98
19) n-Nitroso-di-n-propylamine	8.47	70	687115	47.877	ng		98
20) 3+4-Methylphenols	8.43	107	978615	47.522	ng		99
22) Acetophenone	8.48	105	1338690	41.633	ng	#	99
24) Nitrobenzene	8.86	77	987290	43.034	ng		94
25) Isophorone	9.38	82	1617977	45.177	ng		98
26) 2-Nitrophenol	9.56	139	517089	48.140	ng		96
27) 2,4-Dimethylphenol	9.63	122	711721	44.942	ng		99
28) bis(2-Chloroethoxy)methane	9.86	93	1089426	43.218	ng		98
29) 2,4-Dichlorophenol	10.09	162	852862	46.383	ng		99
30) 1,2,4-Trichlorobenzene	10.30	180	928764	42.106	ng		98
31) Naphthalene	10.49	128	2576957	41.455	ng		99
32) Benzoic acid	9.79	122	575342	48.691	ng		93
33) 4-Chloroaniline	10.60	127	1217321	45.342	ng		98
34) Hexachlorobutadiene	10.77	225	574664	41.118	ng		98
35) Caprolactam	11.41	113	318403	47.516	ng		91
36) 4-Chloro-3-methylphenol	11.73	107	970863	46.842	ng		99
37) 2-Methylnaphthalene	12.10	142	1895163	44.552	ng		99
38) 1-Methylnaphthalene	12.33	142	1842140	44.494	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	1139901	41.629	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	609544	46.046 ng		99
43) 2,4,6-Trichlorophenol	12.72	196	750029	47.185 ng		98
44) 2,4,5-Trichlorophenol	12.80	196	782331	45.897 ng		99
46) 1,1'-Biphenyl	13.13	154	2911838	41.615 ng		99
47) 2-Chloronaphthalene	13.17	162	2130152	41.382 ng		99
48) 2-Nitroaniline	13.39	65	643810	44.712 ng		97
49) Acenaphthylene	14.03	152	3234307	43.347 ng		100
50) Dimethylphthalate	13.77	163	2652495	44.217 ng		99
51) 2,6-Dinitrotoluene	13.89	165	602859	45.660 ng		100
52) Acenaphthene	14.37	154	1972537	42.105 ng		98
53) 3-Nitroaniline	14.22	138	652055	45.599 ng		95
54) 2,4-Dinitrophenol	14.43	184	307005	43.786 ng		99
55) Dibenzofuran	14.70	168	3232949	41.498 ng		99
56) 4-Nitrophenol	14.53	139	495040	40.462 ng		98
57) 2,4-Dinitrotoluene	14.68	165	832816	46.931 ng	#	98
58) Fluorene	15.36	166	2459569	42.653 ng		99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	718697	46.256 ng		99
60) Diethylphthalate	15.14	149	2706417	45.493 ng		100
61) 4-Chlorophenyl-phenylether	15.36	204	1405733	42.761 ng		97
62) 4-Nitroaniline	15.39	138	673245	42.764 ng		99
63) Azobenzene	15.65	77	2485009	42.975 ng		99
65) 4,6-Dinitro-2-methylphenol	15.44	198	458937	41.348 ng		97
66) n-Nitrosodiphenylamine	15.57	169	2390694	44.461 ng		99
67) 4-Bromophenyl-phenylether	16.25	248	892996	45.760 ng		96
68) Hexachlorobenzene	16.36	284	987462	43.562 ng		98
69) Atrazine	16.53	200	884276	45.949 ng		99
70) Pentachlorophenol	16.70	266	692391	44.589 ng		100
71) Phenanthrene	17.10	178	4003638	41.752 ng		100
72) Anthracene	17.19	178	4009615	44.007 ng		99
73) Carbazole	17.46	167	4036510	43.370 ng		100
74) Di-n-butylphthalate	18.03	149	4675197	47.626 ng		99
75) Fluoranthene	19.12	202	4687565	43.443 ng		99
77) Benzidine	19.32	184	2426355	49.896 ng		98
78) Pyrene	19.48	202	4917587	45.879 ng		100
80) Butylbenzylphthalate	20.40	149	2150179	52.011 ng		97
81) Benzo(a)anthracene	21.23	228	4640086	42.995 ng		100
82) 3,3'-Dichlorobenzidine	21.17	252	1806042	44.901 ng		99
83) Chrysene	21.29	228	4401643	41.206 ng		99
84) Bis(2-ethylhexyl)phthalate	21.17	149	3104065	49.548 ng		99
85) Di-n-octyl phthalate	22.05	149	4996908	47.350 ng		99
86) Indeno(1,2,3-cd)pyrene	25.67	276	3840029m	32.140 ng		
88) Benzo(b)fluoranthene	22.80	252	4142015	44.381 ng		100
89) Benzo(k)fluoranthene	22.84	252	4113879	43.929 ng		99
90) Benzo(a)pyrene	23.36	252	3781620	42.675 ng		100
91) Dibenzo(a,h)anthracene	25.68	278	3242044	36.846 ng		99
92) Benzo(g,h,i)perylene	26.34	276	3088711	35.418 ng		99

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

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