Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020119\
Data File : BM018705.D
Acq On : 01 Feb 2019 13:18
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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2/4/2019 12:44:22 PM

Quant Time: Feb 01 22:03:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 22:01:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	311988	20.00	ng		-0.02
21) Naphthalene-d8	10.51	136	1233691	20.00	ng		-0.02
39) Acenaphthene-d10	14.37	164	656111	20.00	ng		-0.01
64) Phenanthrene-d10	17.12	188	1341550	20.00	ng		-0.02
76) Chrysene-d12	21.32	240	1245019	20.00	ng		-0.01
87) Perylene-d12	23.59	264	1270014	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1308923	77.47	ng		-0.02
7) Phenol-d6	6.90	99	1730343	80.63	ng		-0.01
23) Nitrobenzene-d5	8.89	82	1645460	77.32	ng		-0.01
42) 2,4,6-Tribromophenol	15.87	330	649823	77.78	ng		-0.02
45) 2-Fluorobiphenyl	12.99	172	3945814	78.47	ng		-0.02
79) Terphenyl-d14	19.76	244	5006934	84.78	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	245867	35.703	ng		96
3) Pyridine	3.66	79	676419	39.398	ng		96
4) n-Nitrosodimethylamine	3.58	42	282482	39.788	ng	#	94
6) Aniline	7.06	93	1009252	42.160	ng		99
8) 2-Chlorophenol	7.29	128	782488	39.653	ng		95
9) Benzaldehyde	6.88	77	428849	33.073	ng		98
10) Phenol	6.92	94	865288	39.679	ng		99
11) bis(2-Chloroethyl)ether	7.16	93	678494	39.597	ng		97
12) 1,3-Dichlorobenzene	7.61	146	893448	38.018	ng		98
13) 1,4-Dichlorobenzene	7.76	146	909407	38.180	ng		99
14) 1,2-Dichlorobenzene	8.07	146	866838	38.380	ng		99
15) Benzyl Alcohol	7.97	79	636728	41.079	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.25	45	882908	40.320	ng		96
17) 2-Methylphenol	8.16	107	600901	40.594	ng		97
18) Hexachloroethane	8.79	117	313677	36.935	ng		97
19) n-Nitroso-di-n-propylamine	8.53	70	543916	38.946	ng		95
20) 3+4-Methylphenols	8.50	107	825805	40.412	ng		98
22) Acetophenone	8.55	105	1144264	37.494	ng		98
24) Nitrobenzene	8.93	77	810999	38.731	ng		99
25) Isophorone	9.45	82	1241857	38.536	ng		99
26) 2-Nitrophenol	9.63	139	436398	43.102	ng		99
27) 2,4-Dimethylphenol	9.69	122	596354	39.296	ng		97
28) bis(2-Chloroethoxy)methane	9.93	93	857439	38.516	ng		99
29) 2,4-Dichlorophenol	10.16	162	732816	40.552	ng		97
30) 1,2,4-Trichlorobenzene	10.37	180	841245	37.505	ng		99
31) Naphthalene	10.56	128	2267822	38.169	ng		99
32) Benzoic acid	9.85	122	443366m	44.015	ng		
33) 4-Chloroaniline	10.69	127	988226	42.233	ng		99
34) Hexachlorobutadiene	10.83	225	528233	37.278	ng		99
35) Caprolactam	11.50	113	223387	36.359	ng		89
36) 4-Chloro-3-methylphenol	11.81	107	737556	38.903	ng		99
37) 2-Methylnaphthalene	12.18	142	1593933	37.970	ng		100
38) 1-Methylnaphthalene	12.40	142	1528083	37.621	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	921310	40.155	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	534288	42.430	ng	99
43) 2,4,6-Trichlorophenol	12.80	196	587774	42.186	ng	99
44) 2,4,5-Trichlorophenol	12.87	196	607977	41.491	ng	98
46) 1,1'-Biphenyl	13.20	154	2247859	39.238	ng	99
47) 2-Chloronaphthalene	13.25	162	1745016	39.280	ng	100
48) 2-Nitroaniline	13.46	65	437649	40.043	ng	95
49) Acenaphthylene	14.10	152	2525439	39.008	ng	100
50) Dimethylphthalate	13.84	163	1992706	36.981	ng	99
51) 2,6-Dinitrotoluene	13.96	165	447543	39.210	ng	94
52) Acenaphthene	14.44	154	1525838	38.519	ng	97
53) 3-Nitroaniline	14.30	138	457162	39.728	ng	98
54) 2,4-Dinitrophenol	14.50	184	250200	44.049	ng	88
55) Dibenzofuran	14.77	168	2443362	37.331	ng	100
56) 4-Nitrophenol	14.60	139	341047	34.307	ng	96
57) 2,4-Dinitrotoluene	14.75	165	584729	36.207	ng	99
58) Fluorene	15.42	166	1804962	37.020	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.00	232	508668	39.163	ng	95
60) Diethylphthalate	15.20	149	1972007	36.252	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	1039574	36.995	ng	97
62) 4-Nitroaniline	15.46	138	420670	33.516	ng	96
63) Azobenzene	15.72	77	1681095	37.904	ng	96
65) 4,6-Dinitro-2-methylphenol	15.51	198	308870	37.456	ng	90
66) n-Nitrosodiphenylamine	15.64	169	1695856	40.752	ng	100
67) 4-Bromophenyl-phenylether	16.32	248	609361	40.590	ng	98
68) Hexachlorobenzene	16.42	284	661746	39.374	ng	99
69) Atrazine	16.59	200	546272	36.311	ng	98
70) Pentachlorophenol	16.77	266	429928	39.060	ng	99
71) Phenanthrene	17.16	178	2733686	38.310	ng	99
72) Anthracene	17.26	178	2701968	39.377	ng	100
73) Carbazole	17.53	167	2663322	37.779	ng	100
74) Di-n-butylphthalate	18.09	149	3067875	39.729	ng	99
75) Fluoranthene	19.19	202	2960285	35.983	ng	98
77) Benzidine	19.39	184	1098051	35.719	ng	100
78) Pyrene	19.55	202	3078105	41.710	ng	100
80) Butylbenzylphthalate	20.46	149	1295839	41.150	ng	95
81) Benzo(a)anthracene	21.30	228	2856991	38.952	ng	100
82) 3,3'-Dichlorobenzidine	21.24	252	1098275	39.598	ng	99
83) Chrysene	21.36	228	2722103	38.433	ng	100
84) Bis(2-ethylhexyl)phthalate	21.23	149	1825298	40.141	ng	99
85) Di-n-octyl phthalate	22.12	149	3018735	39.470	ng	95
86) Indeno(1,2,3-cd)pyrene	25.88	276	3181932	38.961	ng	97
88) Benzo(b)fluoranthene	22.90	252	2733380	37.910	ng	98
89) Benzo(k)fluoranthene	22.94	252	2816895	38.767	ng	99
90) Benzo(a)pyrene	23.49	252	2664062	38.595	ng	98
91) Dibenzo(a,h)anthracene	25.89	278	2693986	38.518	ng	99
92) Benzo(g,h,i)perylene	26.59	276	2629765	38.638	ng	99

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

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