Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011419\
Data File : BM018562.D
Acq On : 14 Jan 2019 21:34
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
1/15/2019 12:20:13 PM

Quant Time: Jan 14 23:57:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	163893	20.00	ng		-0.01
21) Naphthalene-d8	10.55	136	732986	20.00	ng		0.00
39) Acenaphthene-d10	14.40	164	446714	20.00	ng		0.00
64) Phenanthrene-d10	17.15	188	1085178	20.00	ng		0.00
76) Chrysene-d12	21.34	240	1313239	20.00	ng		0.00
87) Perylene-d12	23.63	264	1527225	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	735859	82.91	ng		-0.01
7) Phenol-d6	6.93	99	1065559	94.52	ng		0.00
23) Nitrobenzene-d5	8.92	82	1042663	82.46	ng		0.00
42) 2,4,6-Tribromophenol	15.90	330	544896	95.80	ng		0.00
45) 2-Fluorobiphenyl	13.02	172	2736706	79.94	ng		0.00
79) Terphenyl-d14	19.79	244	5000020	80.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	128515	35.525	ng		96
3) Pyridine	3.68	79	397891	44.116	ng		98
4) n-Nitrosodimethylamine	3.60	42	160015	42.905	ng	#	93
6) Aniline	7.09	93	617487	49.103	ng		97
8) 2-Chlorophenol	7.32	128	462847	44.649	ng		95
9) Benzaldehyde	6.91	77	276883	43.895	ng		97
10) Phenol	6.95	94	530148	46.278	ng		97
11) bis(2-Chloroethyl)ether	7.19	93	395941	43.987	ng		94
12) 1,3-Dichlorobenzene	7.64	146	504418	40.859	ng		99
13) 1,4-Dichlorobenzene	7.79	146	519238	41.497	ng		99
14) 1,2-Dichlorobenzene	8.10	146	504791	42.546	ng		99
15) Benzyl Alcohol	8.00	79	414235	50.874	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.29	45	494843	43.018	ng		94
17) 2-Methylphenol	8.19	107	379696	48.829	ng		99
18) Hexachloroethane	8.82	117	180862	40.539	ng		93
19) n-Nitroso-di-n-propylamine	8.56	70	352486	48.046	ng		94
20) 3+4-Methylphenols	8.53	107	523859	48.801	ng		96
22) Acetophenone	8.58	105	751109	41.424	ng	#	98
24) Nitrobenzene	8.96	77	510777	41.056	ng		97
25) Isophorone	9.48	82	853664	44.586	ng		97
26) 2-Nitrophenol	9.67	139	287936	47.865	ng		94
27) 2,4-Dimethylphenol	9.72	122	389692	43.219	ng		99
28) bis(2-Chloroethoxy)methane	9.96	93	550634	41.630	ng		99
29) 2,4-Dichlorophenol	10.20	162	485829	45.249	ng		98
30) 1,2,4-Trichlorobenzene	10.40	180	533906	40.063	ng		98
31) Naphthalene	10.60	128	1453069	41.163	ng		99
32) Benzoic acid	9.86	122	323624m	52.589	ng		
33) 4-Chloroaniline	10.72	127	677627	48.742	ng		98
34) Hexachlorobutadiene	10.86	225	327598	38.911	ng		99
35) Caprolactam	11.52	113	192297	52.679	ng	#	85
36) 4-Chloro-3-methylphenol	11.84	107	534676	47.467	ng		98
37) 2-Methylnaphthalene	12.21	142	1065656	42.727	ng		100
38) 1-Methylnaphthalene	12.43	142	1035912	42.926	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	626348	40.096	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.54	237	335880	39.177 ng		99
43) 2,4,6-Trichlorophenol	12.83	196	424923	44.794 ng		98
44) 2,4,5-Trichlorophenol	12.90	196	453902	45.496 ng		98
46) 1,1'-Biphenyl	13.23	154	1560171	39.999 ng		99
47) 2-Chloronaphthalene	13.27	162	1214237	40.145 ng		99
48) 2-Nitroaniline	13.49	65	344686	46.320 ng		94
49) Acenaphthylene	14.13	152	1853623	42.052 ng		100
50) Dimethylphthalate	13.86	163	1555669	42.403 ng		99
51) 2,6-Dinitrotoluene	13.99	165	348678	44.868 ng		92
52) Acenaphthene	14.47	154	1118283	41.464 ng		98
53) 3-Nitroaniline	14.32	138	383335	48.928 ng		96
54) 2,4-Dinitrophenol	14.53	184	204903	51.523 ng		92
55) Dibenzofuran	14.80	168	1852809	41.578 ng		99
56) 4-Nitrophenol	14.64	139	327964	48.455 ng		93
57) 2,4-Dinitrotoluene	14.78	165	491772	44.725 ng		98
58) Fluorene	15.45	166	1420816	42.801 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.03	232	403752	45.657 ng		98
60) Diethylphthalate	15.23	149	1610945	43.496 ng		99
61) 4-Chlorophenyl-phenylether	15.45	204	801714	41.903 ng		99
62) 4-Nitroaniline	15.49	138	414546	48.509 ng		99
63) Azobenzene	15.74	77	1294239	42.861 ng		96
65) 4,6-Dinitro-2-methylphenol	15.54	198	295634	43.332 ng		86
66) n-Nitrosodiphenylamine	15.67	169	1371276	40.737 ng		98
67) 4-Bromophenyl-phenylether	16.34	248	489645	40.321 ng		97
68) Hexachlorobenzene	16.44	284	550986	40.529 ng		99
69) Atrazine	16.62	200	533786	43.863 ng		96
70) Pentachlorophenol	16.80	266	414433	46.547 ng		98
71) Phenanthrene	17.20	178	2371445	41.085 ng		100
72) Anthracene	17.29	178	2354815	42.426 ng		99
73) Carbazole	17.56	167	2485198	43.581 ng		99
74) Di-n-butylphthalate	18.12	149	2845397	45.553 ng		100
75) Fluoranthene	19.22	202	2905993	43.668 ng		98
77) Benzidine	19.41	184	1381647	42.610 ng		99
78) Pyrene	19.58	202	3083553	39.613 ng		100
80) Butylbenzylphthalate	20.48	149	1440243	43.360 ng		97
81) Benzo(a)anthracene	21.33	228	3236577	41.835 ng		99
82) 3,3'-Dichlorobenzidine	21.27	252	1331582	45.516 ng		99
83) Chrysene	21.38	228	3108942	41.615 ng		99
84) Bis(2-ethylhexyl)phthalate	21.25	149	2076260	43.288 ng		100
85) Di-n-octyl phthalate	22.14	149	3709084	45.978 ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.95	276	4534765	52.641 ng		96
88) Benzo(b)fluoranthene	22.94	252	3422891m	39.478 ng		
89) Benzo(k)fluoranthene	22.98	252	3517259	40.253 ng		99
90) Benzo(a)pyrene	23.53	252	3434237	41.373 ng		98
91) Dibenzo(a,h)anthracene	25.96	278	3816785	45.380 ng		98
92) Benzo(g,h,i)perylene	26.66	276	3798192	46.406 ng		97

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

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