Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012519\
Data File : BM018661.D
Acq On : 25 Jan 2019 20:23
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 28 02:50:13 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

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
1/29/2019 12:29:47 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	244726	20.00	ng		0.00
21) Naphthalene-d8	10.52	136	949908	20.00	ng		0.00
39) Acenaphthene-d10	14.38	164	524754	20.00	ng		0.00
64) Phenanthrene-d10	17.13	188	1189387	20.00	ng		0.00
76) Chrysene-d12	21.33	240	1266095	20.00	ng		0.00
87) Perylene-d12	23.60	264	1275883	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1085491	81.90	ng		0.00
7) Phenol-d6	6.90	99	1406028	83.53	ng		0.00
23) Nitrobenzene-d5	8.90	82	1328162	81.06	ng		0.00
42) 2,4,6-Tribromophenol	15.88	330	604501	90.47	ng		0.00
45) 2-Fluorobiphenyl	13.00	172	3267770	81.26	ng		0.00
79) Terphenyl-d14	19.76	244	5146630	85.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	195457	36.184	ng		97
3) Pyridine	3.67	79	536536	39.839	ng		96
4) n-Nitrosodimethylamine	3.59	42	217469	39.050	ng	#	93
6) Aniline	7.07	93	818209	43.573	ng		98
8) 2-Chlorophenol	7.30	128	648406	41.889	ng		94
9) Benzaldehyde	6.89	77	367259	37.145	ng		99
10) Phenol	6.93	94	705421	41.239	ng		99
11) bis(2-Chloroethyl)ether	7.17	93	549748	40.901	ng		95
12) 1,3-Dichlorobenzene	7.62	146	749544	40.660	ng		99
13) 1,4-Dichlorobenzene	7.77	146	756652	40.497	ng		99
14) 1,2-Dichlorobenzene	8.08	146	728507	41.120	ng		98
15) Benzyl Alcohol	7.98	79	523556	43.062	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.26	45	701578	40.845	ng		95
17) 2-Methylphenol	8.17	107	493498	42.502	ng		99
18) Hexachloroethane	8.80	117	266822	40.053	ng		95
19) n-Nitroso-di-n-propylamine	8.54	70	439731	40.140	ng		93
20) 3+4-Methylphenols	8.50	107	679354	42.383	ng		98
22) Acetophenone	8.56	105	934253	39.758	ng		97
24) Nitrobenzene	8.94	77	641417	39.784	ng		96
25) Isophorone	9.46	82	1035250	41.722	ng		98
26) 2-Nitrophenol	9.65	139	367075	47.086	ng		95
27) 2,4-Dimethylphenol	9.70	122	489435	41.885	ng		98
28) bis(2-Chloroethoxy)methane	9.94	93	696626	40.641	ng		98
29) 2,4-Dichlorophenol	10.17	162	608329	43.720	ng		99
30) 1,2,4-Trichlorobenzene	10.38	180	711139	41.176	ng		100
31) Naphthalene	10.57	128	1858024	40.615	ng		100
32) Benzoic acid	9.85	122	438187m	54.653	ng		
33) 4-Chloroaniline	10.69	127	821094	45.574	ng		99
34) Hexachlorobutadiene	10.84	225	459522	42.117	ng		99
35) Caprolactam	11.50	113	202396	42.784	ng	#	88
36) 4-Chloro-3-methylphenol	11.82	107	621932	42.605	ng		97
37) 2-Methylnaphthalene	12.19	142	1306011	40.406	ng		99
38) 1-Methylnaphthalene	12.41	142	1265183	40.454	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.56	216	766279	41.758	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	243800	24.208	ng		99
43) 2,4,6-Trichlorophenol	12.80	196	500588	44.922	ng		99
44) 2,4,5-Trichlorophenol	12.88	196	530833	45.294	ng		98
46) 1,1'-Biphenyl	13.21	154	1860097	40.597	ng		99
47) 2-Chloronaphthalene	13.25	162	1458493	41.049	ng		100
48) 2-Nitroaniline	13.47	65	384475	43.983	ng		91
49) Acenaphthylene	14.10	152	2137322	41.278	ng		99
50) Dimethylphthalate	13.85	163	1725510	40.038	ng		99
51) 2,6-Dinitrotoluene	13.97	165	386301	42.316	ng		94
52) Acenaphthene	14.44	154	1290004	40.718	ng		97
53) 3-Nitroaniline	14.30	138	413745	44.956	ng		98
54) 2,4-Dinitrophenol	14.51	184	138869	32.772	ng		92
55) Dibenzofuran	14.78	168	2113614	40.377	ng		98
56) 4-Nitrophenol	14.62	139	343064	43.148	ng		96
57) 2,4-Dinitrotoluene	14.76	165	533182	41.280	ng		99
58) Fluorene	15.43	166	1597604	40.969	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.01	232	456626	43.957	ng		96
60) Diethylphthalate	15.21	149	1771603	40.720	ng		99
61) 4-Chlorophenyl-phenylether	15.43	204	910704	40.521	ng		100
62) 4-Nitroaniline	15.47	138	408421	40.685	ng		96
63) Azobenzene	15.72	77	1472737	41.519	ng		97
65) 4,6-Dinitro-2-methylphenol	15.52	198	246097	34.208	ng		86
66) n-Nitrosodiphenylamine	15.65	169	1516718	41.110	ng		99
67) 4-Bromophenyl-phenylether	16.33	248	552818	41.534	ng		97
68) Hexachlorobenzene	16.43	284	610922	41.001	ng		99
69) Atrazine	16.60	200	524070	39.292	ng		99
70) Pentachlorophenol	16.78	266	440325	45.122	ng		99
71) Phenanthrene	17.17	178	2557440	40.425	ng		99
72) Anthracene	17.26	178	2556924	42.031	ng		100
73) Carbazole	17.54	167	2614639	41.834	ng		100
74) Di-n-butylphthalate	18.10	149	3076110	44.932	ng		100
75) Fluoranthene	19.20	202	3033596	41.592	ng		98
77) Benzidine	19.39	184	1476712	47.237	ng		100
78) Pyrene	19.56	202	3191268	42.523	ng		100
80) Butylbenzylphthalate	20.46	149	1461347	45.633	ng		96
81) Benzo(a)anthracene	21.31	228	3085984	41.374	ng		100
82) 3,3'-Dichlorobenzidine	21.25	252	1256599	44.552	ng		100
83) Chrysene	21.36	228	2939720	40.815	ng		99
84) Bis(2-ethylhexyl)phthalate	21.23	149	2110134	45.632	ng		99
85) Di-n-octyl phthalate	22.12	149	3563271	45.815	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.90	276	3405128	40.999	ng		97
88) Benzo(b)fluoranthene	22.91	252	2948040	40.699	ng		99
89) Benzo(k)fluoranthene	22.96	252	2987343	40.923	ng		99
90) Benzo(a)pyrene	23.50	252	2860429	41.249	ng		98
91) Dibenzo(a,h)anthracene	25.91	278	2883780	41.042	ng		98
92) Benzo(g,h,i)perylene	26.61	276	2809738	41.092	ng		97

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

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