Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018629.D
Acq On : 18 Jan 2019 01:21
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/18/2019 12:07:19 PM

Quant Time: Jan 18 06:12:29 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	7.74	152	411778	20.00	ng		-0.02
21) Naphthalene-d8	10.53	136	1677650	20.00	ng		-0.02
39) Acenaphthene-d10	14.39	164	995271	20.00	ng		-0.02
64) Phenanthrene-d10	17.14	188	2277419	20.00	ng		-0.02
76) Chrysene-d12	21.33	240	1819883	20.00	ng		-0.02
87) Perylene-d12	23.60	264	1582698	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1751692	78.55	ng		-0.02
7) Phenol-d6	6.92	99	2293742	80.98	ng		-0.02
23) Nitrobenzene-d5	8.91	82	2234209	77.20	ng		-0.01
42) 2,4,6-Tribromophenol	15.89	330	1119664	88.35	ng		-0.02
45) 2-Fluorobiphenyl	13.00	172	5771868	75.67	ng		-0.02
79) Terphenyl-d14	19.77	244	8588866	99.49	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	313597	34.502	ng		97
3) Pyridine	3.67	79	876688	38.688	ng		96
4) n-Nitrosodimethylamine	3.59	42	359341	38.348	ng	#	94
6) Aniline	7.08	93	1344648	42.558	ng		99
8) 2-Chlorophenol	7.30	128	1047370	40.214	ng		94
9) Benzaldehyde	6.89	77	609863	36.491	ng		98
10) Phenol	6.95	94	1147723	39.876	ng		99
11) bis(2-Chloroethyl)ether	7.17	93	903956	39.970	ng		95
12) 1,3-Dichlorobenzene	7.62	146	1197119	38.595	ng		99
13) 1,4-Dichlorobenzene	7.77	146	1218582	38.762	ng		99
14) 1,2-Dichlorobenzene	8.09	146	1161107	38.951	ng		99
15) Benzyl Alcohol	7.99	79	888845	43.448	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.27	45	1140118	39.448	ng		95
17) 2-Methylphenol	8.18	107	815976	41.765	ng		98
18) Hexachloroethane	8.80	117	438183	39.091	ng		96
19) n-Nitroso-di-n-propylamine	8.55	70	750316	40.706	ng		93
20) 3+4-Methylphenols	8.52	107	1135409	42.098	ng		97
22) Acetophenone	8.57	105	1577727	38.017	ng		98
24) Nitrobenzene	8.95	77	1088155	38.215	ng		96
25) Isophorone	9.47	82	1811477	41.337	ng		98
26) 2-Nitrophenol	9.65	139	627321	45.562	ng		96
27) 2,4-Dimethylphenol	9.71	122	839634	40.685	ng		100
28) bis(2-Chloroethoxy)methane	9.95	93	1207309	39.880	ng		99
29) 2,4-Dichlorophenol	10.18	162	1056332	42.986	ng		99
30) 1,2,4-Trichlorobenzene	10.39	180	1181276	38.728	ng		99
31) Naphthalene	10.58	128	3131086	38.753	ng		99
32) Benzoic acid	9.88	122	626257m	45.468	ng		
33) 4-Chloroaniline	10.70	127	1416237	44.508	ng		98
34) Hexachlorobutadiene	10.85	225	758136	39.344	ng		99
35) Caprolactam	11.53	113	378218m	45.269	ng		
36) 4-Chloro-3-methylphenol	11.83	107	1124253	43.607	ng		98
37) 2-Methylnaphthalene	12.20	142	2280387	39.947	ng		100
38) 1-Methylnaphthalene	12.42	142	2195296	39.745	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.56	216	1357650	39.008	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	617569	32.331	ng		99
43) 2,4,6-Trichlorophenol	12.81	196	905751	42.855	ng		99
44) 2,4,5-Trichlorophenol	12.89	196	960896	43.229	ng		99
46) 1,1'-Biphenyl	13.22	154	3296455	37.933	ng		99
47) 2-Chloronaphthalene	13.26	162	2559648	37.983	ng		100
48) 2-Nitroaniline	13.48	65	698014	42.102	ng		92
49) Acenaphthylene	14.12	152	3838492	39.086	ng		100
50) Dimethylphthalate	13.86	163	3235356	39.582	ng		99
51) 2,6-Dinitrotoluene	13.98	165	725577	41.906	ng		94
52) Acenaphthene	14.46	154	2321287	38.631	ng		98
53) 3-Nitroaniline	14.32	138	757143	43.376	ng		97
54) 2,4-Dinitrophenol	14.52	184	186831	25.340	ng	#	88
55) Dibenzofuran	14.79	168	3794464	38.218	ng		100
56) 4-Nitrophenol	14.63	139	556533	36.906	ng		94
57) 2,4-Dinitrotoluene	14.77	165	1008913	41.184	ng		99
58) Fluorene	15.44	166	2919412	39.473	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.02	232	834148	42.337	ng		96
60) Diethylphthalate	15.22	149	3385078	41.023	ng		99
61) 4-Chlorophenyl-phenylether	15.44	204	1679407	39.398	ng		97
62) 4-Nitroaniline	15.49	138	726177	38.140	ng		97
63) Azobenzene	15.73	77	2714914	40.354	ng		98
65) 4,6-Dinitro-2-methylphenol	15.53	198	386760	29.043	ng		90
66) n-Nitrosodiphenylamine	15.66	169	2794762	39.561	ng		99
67) 4-Bromophenyl-phenylether	16.33	248	1054316	41.369	ng		96
68) Hexachlorobenzene	16.44	284	1139367	39.934	ng		97
69) Atrazine	16.62	200	1076336	42.145	ng		98
70) Pentachlorophenol	16.79	266	695436	37.218	ng		99
71) Phenanthrene	17.19	178	4625668	38.186	ng		100
72) Anthracene	17.27	178	4614666	39.616	ng		99
73) Carbazole	17.55	167	4531899	37.868	ng		100
74) Di-n-butylphthalate	18.10	149	5857638	44.684	ng		99
75) Fluoranthene	19.20	202	5066842	36.280	ng		97
77) Benzidine	19.40	184	1611560	35.864	ng		100
78) Pyrene	19.57	202	5100623	47.283	ng		100
80) Butylbenzylphthalate	20.47	149	2402111	52.185	ng		96
81) Benzo(a)anthracene	21.32	228	4144106	38.653	ng		100
82) 3,3'-Dichlorobenzidine	21.26	252	1517172	37.422	ng		99
83) Chrysene	21.37	228	3966123	38.309	ng		100
84) Bis(2-ethylhexyl)phthalate	21.23	149	3549580	53.402	ng		99
85) Di-n-octyl phthalate	22.13	149	5249683	46.958	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.91	276	3884179	32.536	ng		97
88) Benzo(b)fluoranthene	22.92	252	3522991	39.208	ng		99
89) Benzo(k)fluoranthene	22.96	252	3511348	38.777	ng		98
90) Benzo(a)pyrene	23.50	252	3305717	38.429	ng		98
91) Dibenzo(a,h)anthracene	25.93	278	3297166	37.828	ng		98
92) Benzo(g,h,i)perylene	26.63	276	3200959	37.739	ng		97

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

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