Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
Data File : BM019003.D
Acq On : 04 Mar 2019 11:16
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/5/2019 5:23:35 PM

Quant Time: Mar 05 03:39:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	271222	20.00	ng		0.00
21) Naphthalene-d8	10.47	136	1163860	20.00	ng		0.00
39) Acenaphthene-d10	14.33	164	700057	20.00	ng		0.00
64) Phenanthrene-d10	17.09	188	1587483	20.00	ng		0.00
76) Chrysene-d12	21.29	240	1619625	20.00	ng		0.00
87) Perylene-d12	23.53	264	1372415	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1310455	79.17	ng		0.00
7) Phenol-d6	6.86	99	2004627	85.96	ng		0.00
23) Nitrobenzene-d5	8.85	82	2115557	84.05	ng		0.00
42) 2,4,6-Tribromophenol	15.83	330	919013	91.07	ng		0.00
45) 2-Fluorobiphenyl	12.95	172	4387050	83.19	ng		0.00
79) Terphenyl-d14	19.73	244	7399467	94.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	257454	35.709	ng		98
3) Pyridine	3.63	79	802698	40.816	ng		99
4) n-Nitrosodimethylamine	3.56	42	210824	42.140	ng		93
6) Aniline	7.03	93	1225251	42.883	ng		99
8) 2-Chlorophenol	7.25	128	765126	42.100	ng		97
9) Benzaldehyde	6.84	77	520978	41.209	ng		99
10) Phenol	6.89	94	1039958	42.384	ng		99
11) bis(2-Chloroethyl)ether	7.12	93	797340	42.599	ng		99
12) 1,3-Dichlorobenzene	7.57	146	833073	40.765	ng		98
13) 1,4-Dichlorobenzene	7.72	146	854195	41.058	ng		99
14) 1,2-Dichlorobenzene	8.03	146	834626	41.765	ng		99
15) Benzyl Alcohol	7.93	79	810781	43.757	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.21	45	783557	43.253	ng		98
17) 2-Methylphenol	8.13	107	679183	43.490	ng		97
18) Hexachloroethane	8.74	117	310992	40.949	ng		98
19) n-Nitroso-di-n-propylamine	8.49	70	793626	43.954	ng		99
20) 3+4-Methylphenols	8.46	107	950364	44.070	ng		99
22) Acetophenone	8.51	105	1339726	41.917	ng	#	99
24) Nitrobenzene	8.89	77	1067326	40.851	ng		99
25) Isophorone	9.41	82	1733345	43.158	ng		99
26) 2-Nitrophenol	9.59	139	465051	44.696	ng		99
27) 2,4-Dimethylphenol	9.65	122	654693	43.081	ng		99
28) bis(2-Chloroethoxy)methane	9.89	93	1101558	42.414	ng		99
29) 2,4-Dichlorophenol	10.12	162	759771	43.541	ng		99
30) 1,2,4-Trichlorobenzene	10.33	180	834041	41.388	ng		99
31) Naphthalene	10.52	128	2355201	41.492	ng		100
32) Benzoic acid	9.83	122	567692m	42.824	ng		
33) 4-Chloroaniline	10.65	127	1098415	43.290	ng		98
34) Hexachlorobutadiene	10.78	225	468940	40.091	ng		100
35) Caprolactam	11.47	113	315993m	44.372	ng		
36) 4-Chloro-3-methylphenol	11.77	107	921402	43.796	ng		98
37) 2-Methylnaphthalene	12.13	142	1701652	42.579	ng		99
38) 1-Methylnaphthalene	12.36	142	1652135	42.276	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	915832	40.896	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	386447	33.752	ng	100
43) 2,4,6-Trichlorophenol	12.76	196	638129	43.044	ng	100
44) 2,4,5-Trichlorophenol	12.83	196	663777	42.718	ng	98
46) 1,1'-Biphenyl	13.16	154	2510365	41.659	ng	100
47) 2-Chloronaphthalene	13.20	162	1930535	41.478	ng	100
48) 2-Nitroaniline	13.43	65	685129	44.322	ng	99
49) Acenaphthylene	14.06	152	2937980	42.393	ng	100
50) Dimethylphthalate	13.80	163	2426316	41.587	ng	100
51) 2,6-Dinitrotoluene	13.93	165	551041	43.601	ng	97
52) Acenaphthene	14.40	154	1774862	41.766	ng	99
53) 3-Nitroaniline	14.27	138	599748	41.999	ng	99
54) 2,4-Dinitrophenol	14.47	184	289214	39.229	ng	99
55) Dibenzofuran	14.74	168	2905014	41.591	ng	98
56) 4-Nitrophenol	14.57	139	554211	48.618	ng	99
57) 2,4-Dinitrotoluene	14.72	165	774783	44.494	ng	99
58) Fluorene	15.39	166	2269697	42.475	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	573293	41.741	ng	99
60) Diethylphthalate	15.17	149	2492630	41.418	ng	99
61) 4-Chlorophenyl-phenylether	15.39	204	1244893	41.551	ng	96
62) 4-Nitroaniline	15.44	138	596599	42.616	ng	98
63) Azobenzene	15.68	77	2749763	42.613	ng	98
65) 4,6-Dinitro-2-methylphenol	15.49	198	459529	41.229	ng	95
66) n-Nitrosodiphenylamine	15.60	169	2142966	42.727	ng	100
67) 4-Bromophenyl-phenylether	16.28	248	752926	42.373	ng	98
68) Hexachlorobenzene	16.39	284	871753	42.208	ng	94
69) Atrazine	16.56	200	558252	34.525	ng	99
70) Pentachlorophenol	16.73	266	573788	43.146	ng	98
71) Phenanthrene	17.13	178	3566040	41.799	ng	100
72) Anthracene	17.22	178	3569995	42.992	ng	99
73) Carbazole	17.50	167	3715916	42.832	ng	99
74) Di-n-butylphthalate	18.06	149	4413974	44.239	ng	100
75) Fluoranthene	19.16	202	4090059	41.503	ng	99
77) Benzidine	19.36	184	1648667	45.198	ng	99
78) Pyrene	19.52	202	4264726	45.338	ng	99
80) Butylbenzylphthalate	20.42	149	2132876	49.753	ng	100
81) Benzo(a)anthracene	21.27	228	3945777	41.794	ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	1591825	42.662	ng	99
83) Chrysene	21.33	228	3735757	41.283	ng	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	3126332	49.826	ng	100
85) Di-n-octyl phthalate	22.07	149	5148855	48.825	ng	100
86) Indeno(1,2,3-cd)pyrene	25.81	276	3429746	32.828	ng	100
88) Benzo(b)fluoranthene	22.86	252	3416062	43.505	ng	100
89) Benzo(k)fluoranthene	22.90	252	3457136	44.224	ng	100
90) Benzo(a)pyrene	23.44	252	3126435	42.031	ng	99
91) Dibenzo(a,h)anthracene	25.83	278	2950109	40.031	ng	99
92) Benzo(g,h,i)perylene	26.51	276	2728256	39.765	ng	99

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

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