Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
Data File : BM020127.D
Acq On : 04 May 2019 00:52
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
5/7/2019 11:59:50 PM

Quant Time: May 04 06:54:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	184516	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	744321	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	469996	20.00	ng		0.00
64) Phenanthrene-d10	17.17	188	1137216	20.00	ng		0.00
76) Chrysene-d12	21.36	240	1141527	20.00	ng		0.00
87) Perylene-d12	23.64	264	1275177	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	932614	82.62	ng		0.00
7) Phenol-d6	6.95	99	1348693	87.46	ng		0.00
23) Nitrobenzene-d5	8.96	82	1578885	83.75	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	667852	91.55	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	3268768	85.57	ng		0.00
79) Terphenyl-d14	19.80	244	5769075	88.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	205857	37.183	ng		93
3) Pyridine	3.70	79	576137	40.690	ng		99
4) n-Nitrosodimethylamine	3.62	42	192122	42.314	ng		83
6) Aniline	7.12	93	838941	43.217	ng		99
8) 2-Chlorophenol	7.35	128	525100	42.722	ng		98
9) Benzaldehyde	6.94	77	482166	41.310	ng		95
10) Phenol	6.97	94	723095	43.556	ng		94
11) bis(2-Chloroethyl)ether	7.22	93	511510	42.392	ng		97
12) 1,3-Dichlorobenzene	7.67	146	597811	41.803	ng		96
13) 1,4-Dichlorobenzene	7.82	146	602142	41.681	ng		94
14) 1,2-Dichlorobenzene	8.13	146	578449	42.028	ng		98
15) Benzyl Alcohol	8.03	79	638806	42.959	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.32	45	407168	40.695	ng		98
17) 2-Methylphenol	8.22	107	459479	42.994	ng		96
18) Hexachloroethane	8.86	117	245063	40.684	ng		97
19) n-Nitroso-di-n-propylamine	8.60	70	560077	42.450	ng		96
20) 3+4-Methylphenols	8.55	107	622922	43.857	ng		96
22) Acetophenone	8.61	105	848517	41.712	ng	#	96
24) Nitrobenzene	9.00	77	803528	41.106	ng		97
25) Isophorone	9.52	82	1388683	42.713	ng		99
26) 2-Nitrophenol	9.70	139	294431	49.892	ng		98
27) 2,4-Dimethylphenol	9.75	122	424477	43.204	ng		100
28) bis(2-Chloroethoxy)methane	10.00	93	761451	43.003	ng		99
29) 2,4-Dichlorophenol	10.22	162	552077	44.562	ng		100
30) 1,2,4-Trichlorobenzene	10.44	180	650325	42.661	ng		97
31) Naphthalene	10.63	128	1638124	42.410	ng		99
32) Benzoic acid	9.90	122	316811	45.690	ng		97
33) 4-Chloroaniline	10.75	127	686403	43.176	ng		98
34) Hexachlorobutadiene	10.90	225	455260	42.217	ng		99
35) Caprolactam	11.55	113	172912m	46.677	ng		
36) 4-Chloro-3-methylphenol	11.86	107	634645	43.592	ng		97
37) 2-Methylnaphthalene	12.25	142	1229439	43.660	ng		98
38) 1-Methylnaphthalene	12.46	142	1189635	43.203	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	785928	42.741	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	256418	23.683	ng		99
43) 2,4,6-Trichlorophenol	12.85	196	487374	46.637	ng		99
44) 2,4,5-Trichlorophenol	12.92	196	535969	45.909	ng		99
46) 1,1'-Biphenyl	13.26	154	1627871	42.080	ng		98
47) 2-Chloronaphthalene	13.30	162	1310075	42.415	ng		99
48) 2-Nitroaniline	13.52	65	480587	43.705	ng		98
49) Acenaphthylene	14.15	152	2107541	42.636	ng		99
50) Dimethylphthalate	13.89	163	1656481	41.468	ng		99
51) 2,6-Dinitrotoluene	14.02	165	366671	43.581	ng		93
52) Acenaphthene	14.50	154	1202637	42.426	ng		99
53) 3-Nitroaniline	14.35	138	342844	43.905	ng		99
54) 2,4-Dinitrophenol	14.55	184	140225	38.222	ng		94
55) Dibenzofuran	14.83	168	2003863	41.909	ng		98
56) 4-Nitrophenol	14.64	139	295872	44.409	ng		92
57) 2,4-Dinitrotoluene	14.80	165	511304	44.724	ng	#	93
58) Fluorene	15.48	166	1674044	42.630	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	504934	45.513	ng		96
60) Diethylphthalate	15.26	149	1676795	41.665	ng		99
61) 4-Chlorophenyl-phenylether	15.47	204	954756	42.911	ng		97
62) 4-Nitroaniline	15.52	138	376225	43.658	ng		96
63) Azobenzene	15.77	77	1914298	40.320	ng		98
65) 4,6-Dinitro-2-methylphenol	15.56	198	209743	38.262	ng		95
66) n-Nitrosodiphenylamine	15.69	169	1432418	42.806	ng		98
67) 4-Bromophenyl-phenylether	16.37	248	606592	43.498	ng		95
68) Hexachlorobenzene	16.47	284	686729	42.794	ng		96
69) Atrazine	16.64	200	551633	42.183	ng		97
70) Pentachlorophenol	16.82	266	441243	48.057	ng		98
71) Phenanthrene	17.22	178	2664711	42.448	ng		99
72) Anthracene	17.31	178	2660300	42.386	ng		99
73) Carbazole	17.59	167	2376943	41.971	ng		99
74) Di-n-butylphthalate	18.14	149	2920053	42.844	ng		98
75) Fluoranthene	19.23	202	3302705	41.582	ng		99
77) Benzidine	19.43	184	1557399	42.674	ng		98
78) Pyrene	19.60	202	3389313	44.223	ng		99
80) Butylbenzylphthalate	20.50	149	1319968	47.361	ng		99
81) Benzo(a)anthracene	21.34	228	3476394	43.425	ng		100
82) 3,3'-Dichlorobenzidine	21.29	252	1385040	45.330	ng		99
83) Chrysene	21.40	228	3301741	42.526	ng		100
84) Bis(2-ethylhexyl)phthalate	21.27	149	1987895	45.965	ng		98
85) Di-n-octyl phthalate	22.16	149	3320752	46.198	ng		99
86) Indeno(1,2,3-cd)pyrene	25.98	276	3991059	43.217	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	3503237	41.603	ng		100
89) Benzo(k)fluoranthene	23.00	252	3214927	41.855	ng		100
90) Benzo(a)pyrene	23.55	252	3240514	42.367	ng		99
91) Dibenzo(a,h)anthracene	26.00	278	3358691	42.225	ng		99
92) Benzo(g,h,i)perylene	26.70	276	3200342	42.379	ng		99

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

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